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## CCTV PRODUCTS

CATALOG MARCH 2019 REV.00



IP HIGH DEFINITION CAMERAS - HIGH TECH SURVEILLANCE SYSTEMS - INDUSTRIAL APPLICATIONS





# CCTV PRODUCTS

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# CCTV CAMERAS

## Product code configuration table

DOVEXPTZ

DOVEXPTZ

A

B

C

D

A

### Type of camera

- A = Analog
- B = IP + Fiber Optic
- C = Hybrid (Analog and IP)
- D = IP + Illuminator 15°
- E = IP + Illuminator 19°
- F = IP + Illuminator 34°
- G = IP
- 1 = Integrated analog
- 2 = Integrated IP

B

### Type of housing

- 1 = Standard
- 2 = Standard with continuous rotation
- 3 = Infrared camera
- 4 = Dual housing

C

### Power Supply

- 1 = 24 Vac
- 2 = 230 Vac
- 3 = 115 Vac
- 4 = 24 Vdc

D

### Housing Length

- 1 = 250 mm
- 2 = 375 mm
- 3 = 500 mm



DOVEXPTZ2232



Integrated ATEX PTZ unit made of Stainless Steel AISI316L complete with sunshield, heater and wiper. Protection degree: II2GEx db op pr IIC T6 Gb -40°C ≤ T.amb ≤ +60°C (for IIB T5 Gb -40°C ≤ T.amb ≤ 75°C), II2D Ex tb IIIC T100°C Db -40°C ≤ T.amb ≤ +75°C IP66/IP67. Complete with telemetry receiver RS485 Pelco D protocol. Preset function. Continuous horizontal movement 360°, speed 0-36°/sec. Vertical movement +/- 90°, speed 0-18°/sec. Backlash <0.1°. Operating temperature: -40°/+60°C [+75°C]. Power supply: 115Vac, 95W max. Weight: 46Kg. Ultra-high definition zoom IP camera with progressive Sony 1/2,8" CMOS sensor. Resolution 3MP (2065x1553)@25/30fps. Optical zoom 33x with Auto Focus HDR, Dual IRIS support. Minimum illumination: 0.04Lux (Color), 0.002Lux (B/W). Focal length: 4.6-152mm. 120dB WDR. Supports H.265 / H.264 / MJPEG. Standard ONVIF. Connectors: RJ45, Alarm in x2, Alarm out x1, CVBS, RS-485.

DOV.57



PTZ Positioning unit with ultra-high definition zoom IP camera 1/2.8" Sony progressive CMOS sensor. 3MP Resolution Real Time. 33x Optical Zoom with Auto Focus HDR. Dual IRIS support. Minimum illumination: 0.04Lux (Color), 0.002Lux (B/W). Focal length: 4.6-152mm. Functions: ICR, EIS, Image settings, Motion detection/Tampering/Audio detection. Supports H.265/H.264/MJPEG. Body in die-cast aluminum. Variable speed up to 100°/s Horizontal continuous rotation. Vertical rotation -90°/+40°. Wiper, internal ventilation and built-in heater. Integrated infrared LED (optional) with a range up to 100m. Multiprotocol serial interface RS485 (Pelco D, Pelco P 2400/4800/9600 4800/9600). 256 positions preset. Terminal block Video/Power/RS485 protected from surges. Operating Temperature: -35°C to +55°C. Power supply 24Vac@55W.

DOV.57T



PTZ Positioning unit with camera 1/1.9" Sony Exmor progressive CMOS, 60fps @ 1920x1080, with H.265/H.264/MJPEG compression. Optical zoom x30, digital x16. True WDR, Edge Storage, IVS (Intelligent Video System), Google Drive, Quadruple Streaming, Composite / HDMI Output (Optional), 0.023Lux (color), 0.00062Lux (B/W) with 50IRE. Other features as DOV.57.

DOV.57.IR100

PTZ IP positioning unit with 3MP FULL HD camera, Integrated infrared LED with a range up to 100m. Other details such as DOV.57.

DOV.57.IR300



PTZ IP positioning unit with 3MP FULL HD camera, Integrated infrared LED with a range up to 300m. Other details such as DOV.57.

IP CAMERAS & PTZ

# CCTV CAMERAS



**TCAM-R2SD**



Ultra-high definition zoom IP camera with progressive Sony 1/2.8" CMOS sensor. Resolution 3MP (2065x1553)@25/30fps. Optical zoom 33x with Auto Focus HDR, Dual IRIS support. Minimum illumination: 0.04Lux (Color), 0.002Lux (B/W). Focal length: 4.6-152mm. Functions: ICR, EIS, Image settings, Motion detection / Tampering / Audio detection. 120dB WDR. Supports H.265 / H.264 / MJPEG. Supports microSD/microSDHC/microSDXC and NAS. Ethernet interface 10/100Mbps. Standard ONVIF. Connectors: RJ45, Alarm in x2, Alarm out x1, CVBS, RS-485. Metal body, dimensions: 116x82.6x60mm. Weight: 490g. Power supply: 12Vdc / 24Vac / PoE IEEE802.3af. Operating temperature: -30°C/+60°C.

**TCAM-R2V6**



Ultra-high definition zoom IP camera with progressive 1/3" CMOS sensor, Omni Vision 4MP (2688x1520)@25/30fps. Optical zoom 3x with Auto Focus HDR, Dual IRIS support. Minimum illumination: 0.1Lux (Color), 0.01Lux (B/W). Focal length: 3-9mm. IR LED built-in. Functions: ICR, EIS, Image settings, Motion detection / Tampering / Audio detection. Supports H.265 / H.264 / MJPEG. Supports microSD/microSDHC/microSDXC and NAS. Ethernet interface 10/100Mbps. Standard ONVIF. Connectors: RJ45, Alarm in x1, CVBS, RS-485. Metal body, dimensions: 116x82.6x60mm. Weight: 410g. Power supply: 12Vdc/24Vac/PoE IEEE802.3af. Operating temperature: -30°C/+60°C.

PHASING OUT

**TN-B230S12**



Camera 1/2.8" Exmor progressive Scan CMOS, 60fps @ 1920x1080, with H.265/H.264/MJPEG compression. Optical zoom x30, digital x12. True WDR, Edge Storage, IVS (Intelligent Video System), Google Drive, Quadruple Streaming, Composite / HDMI Output (Optional), 0.2Lux (color), 0.01Lux (B/W) with 50IRE.



**TN-B236N15**



Camera 1/1.9" with progressive Sony Exmor CMOS sensor, 60fps @ 1920x1080, with compression H.265/H.264/MJPEG. Optical Zoom x30, digital x16. Minimum illumination: 0,023Lux @1/15sec, F1.6, 50IRE (Color), 0,00062 @1/15sec, F1.6, 50IRE (B/W). True WDR, Edge Storage, IVS (Intelligent Video System), Google Drive, Quadruplo Streaming, Composite / HDMI Output (Optional). ONVIF protocol. Power supply 12Vdc @1,5A, PoE IEEE802.3af. Max power: 9.6W. Dimensions: 80x227x79mm.



**XNZ-6320**



Zoom Camera 2MP, resolution 1920x1080px, 4.44 -142.6mm, optical zoom 32x, digital 32x, Max. 60fps@all resolutions (H.265 / H.264) H.265, H.264, MJPEG Codec, Multiple streaming Day & Night (ICR), WDR (150dB), Defog, DIS with built-in Gyro sensor, Video & Audio Analytics, PoE, SFP, SD/SDHC/SDXC memory slot.



**NBN-50022-C**



Dinion IP 5000 HD, 1080p30, Day / Night, CMOS 1/2.7" progressive scan sensor, manual iris, DC-iris and SR-iris optical sensors, sensitivity 0.25 / 0.05 Lux (F1.4 - 30 IRE), WDR 76dB, quad-streaming, H264 MP (Main Profile) compression, iDNR, iDefog, Motion +, 128 bit SSL encryption support, ROI, ONVIF compliant, DynDNS support, FTP on alarm and Drop Box, Microphone, audio input and output for audio alarm, SDHC / SDXC memory card slot or iSCSI / VRM NAS, RJ45 ethernet port, simultaneous analogue IP signal output Power 12 VDC or PoE (3.6 W).

**NBN-63013-B**



Dinion IP Starlight 6000 HD, 720p60, Essential Video Analytics (VCA), True Day/Night, 1/2.8" progressive scan CMOS sensor, dynamic range 120 dB HDR (Extended Dynamic Mode) and 84dB + 16dB (mode Starlight), optical mount with CS and C connection (with adapter) DC-iris and SR-iris, automatic motorized back focus, sensitivity 0.0069/0.0008 Lux (F1.2, 30IRE), redundant power supply 12 VDC or PoE 7.2W. Temperature range -20°C/+55°C. ONVIF compliant S-profile camera, supplied without lens.

**NBN-63023-B**



Dinion IP Starlight 6000 HD, 1080p60, Essential Video Analytics (VCA), True Day/Night, 1/2.8" progressive scan CMOS sensor, dynamic range 120 dB HDR (Extended Dynamic Mode) and 84dB + 16dB (Starlight mode), optical mount with CS and C connection (with adapter) DC-iris and SR-iris, motorized automatic back focus, sensitivity 0.0069 / 0.0008Lux (F1.2 - 30 IRE), H.264 streaming, MJPEG multiple configurable with regions of interest (ROI), video authentication, 1080p corridor function, mirror, flip, 90°/180°/270° rotation. Other features as NBN-63013-B.



**NBN-73023-BA**



Dinion IP starlight 7000 HD, 1080p60, Essential Video Analytics (VCA double resolution), True Day/Night, 1/2.8" progressive scan CMOS sensor, dynamic range 120 dB HDR (Extended Dynamic Mode) and 84dB + 16dB (Starlight mode), optical mount with CS and C connection (with adapter) DC-iris and SR-iris, motorized automatic back focus, sensitivity 0.0069 / 0.0008Lux (F1.2 - 30 IRE), H.264 streaming, MJPEG multiple configurable with regions of interest (ROI), video authentication, 1080p corridor function, mirror, flip, 90°/180°/270° rotation. Other features as NBN-63013-B.

IP CAMERAS & PTZ

# CCTV CAMERAS



**TCAM-4300H**



Camera Day & Night 1/2.8" CMOS sensor, max 30fps @ 1920x1080 with H.265/H.264/MJPEG compression. Day: 0.07Lux (F1.2, 2s with 50IRE) / Night: 0.001Lux (F1.2, 2s with 50IRE). Auto Iris, CS mount, IVS (Intelligent Video System), Google Drive, Edge Storage. Power supply 12Vdc, max 6W, PoE 802.3af.

**TN-B2002**

Camera with 1/1.9" CMOS sensor, 1080p50/60, H.265/H.264/MJPEG compression. True WDR @ 1080p60, Min 0.085 lux(B/W), Hybrid CBR, De-Mist, IVS (Intelligent Video System), Edge Storage, dual Streaming. Power supply: 12Vdc@1.5A, 24Vac, PoE: 802.3af.

**TCAM-4712HBR**



Camera Day & Night 1/2.8" progressive CMOS sensor, 1080p25/30, with H.265/H.264/MJPEG compression. TDN, varifocal lens f=4.8~57.6mm, optical zoom x12, angle of view: H64.2°(wide)~5.9°(tele), IVS (Intelligent Video System), Google Drive, Edge Storage, Day: 0.07 Lux (F1.2, 2s with 50IRE) / Night: 0.00Lux (IRLED On). IR LED 50m. Power supply: 12Vdc, 1.5A / PoE, IP66.

**TCAM-4322HBR**

Camera Day & Night 1/2.8" progressive CMOS sensor 1920x1080p @30fps, with H.265/H.264/MJPEG compression. TDN, varifocal lens: 2.8-12mm, F1.4 MP lens. Sensitivity: Day 0,07Lux (F1.2, 2s with 50IRE) / Night 0,00Lux (IR LED On), IP67 rating. ONVIF Protocol. Power supply: DC12V/1.5A or PoE.



**QNO-7080R**



IP Bullet Camera 4MP, WiseNet Q, CMOS 1/3" progressive sensor, varifocal motorized lens 2.8 - 12mm, minimum illumination: 0,15Lux Color (30IRE), 0Lux B/W (with LED IR on). IR range: 30m. ICR, WDR 120dB, Hallway view (90°/270°), SDXC, rec on NAS, Onvif. Compression: H.265, H.264, MJPEG. Protection degree: IP66, IK10. Power supply: PoE or 12Vdc, 8W max. Operating temperature: -30°C/+55°C.

**QNO-6070R**



IP Bullet IR Camera 2MP, WiseNet Q, CMOS 1/2,9" progressive sensor, varifocal manual lens 2.8 - 12mm, minimum illumination: 0,095Lux Color (30IRE), 0Lux B/W (with LED IR on). IR range: 30m. ICR, WDR 120dB, Hallway view (90°/270°), SDXC, rec on NAS, Onvif. Compression: H.265, H.264, MJPEG. Protection degree: IP66, IK10. Power supply: PoE or 12Vdc, 8W max. Operating temperature: -30°C/+55°C.

**QNV-7080R**



IP Minidome Camera 4MP for outdoor, WiseNet Q, CMOS 1/3" progressive sensor, varifocal motorized lens 2.8 - 12mm, minimum illumination: 0,15Lux Color (30IRE), 0Lux B/W (with LED IR on). IR range: 30m. Pan: 0-350°, tilt: 0-67°, rotation: 0-355°. ICR, WDR 120dB, Hallway view (90°/270°), SDXC, rec on NAS, Onvif. Compression: H.265, H.264, MJPEG. Protection degree: IP66, IK10. Power supply: PoE or 12Vdc, 8W max. Operating temperature: -30°C/+55°C.

**QNV-6070R**



IP Minidome Camera 2MP for outdoor, WiseNet Q, CMOS 1/2,9" progressive sensor, varifocal manual lens 2.8 - 12mm, minimum illumination: 0,095Lux Color (30IRE), 0Lux B/W (with LED IR on). IR range: 30m. Pan: 0-350°, tilt: 0-67°, rotation: 0-355°. ICR, WDR 120dB, Hallway view (90°/270°), SDXC, rec on NAS, Onvif. Compression: H.265, H.264, MJPEG. Protection degree: IP66, IK10. Power supply: PoE or 12Vdc, 6,7W max. Operating temperature: -30°C/+55°C.



**SNP-6321H**



IP SpeedDome PTZ 2MP for outdoor, WiseNet3, CMOS 1/2,8" 2,38MP progressive sensor, 32x (4.44~142.6mm), minimum illumination: 0,15Lux Color (1/30sec, F1.6, 30IRE), 0,00025Lux B/W (2sec, F1.6, 30IRE). Pan: 360°, tilt: 210°. ICR, WDR 120dB, ROI, SDXC, Onvif. Compression: H.264, MJPEG. Protection degree: IP66, IK10. Power supply: PoE+ (IEEE802,3at, classe 4) or 24Vac, 65W max. Operating temperature: -30°C/+55°C.

## IP CAMERAS & PTZ

# CCTV CAMERAS

**WISENET**  
SAMSUNG

**HCB-6000P**



Box camera 2MP, WiseNet HD+, CMOS, PS, FullHD over coax (1920x1080 30fps), BNC(AHD / TVI / CVI / CVBS Selezionabile) WDR(120dB), C/CS mount, ICR, De-Fog, dist.max 500m, motion detec., Coax Ctrl, Dual Voltage (12 Vdc / 24 Vac).

**HCB-6000PH**



Box camera 2MP, WiseNet HD+, CMOS, PS, FullHD over coax (1920x1080 30fps), BNC(AHD / TVI / CVI / CVBS Selezionabile) WDR(120dB), C/CS mount, ICR, De-Fog, dist.max 500m, motion detec., Coax Ctrl, Voltage (220 V).

**HCB-7000P**



Box camera 4MP, WiseNet HD+, CMOS, PS, QHD (2560 x 1440, 25fps) over coax, BNC (AHD / CVBS per installazione) D-WDR, C/CS mount, ICR, dist.max 500m, motion detec., Coax Ctrl, Dual Voltage (12 Vdc / 24 Vac).

**NEW**

**HCO-6070RP**



Bullet Camera 2MP, WiseNet HD+, CMOS, PS, FullHD over coax (1920x1080 30fps), BNC (AHD / TVI / CVI / CVBS selectable) WDR(120dB), Varifocal lens 3.2 - 10mm manual, 30m IR range, ICR, De-Fog, dist.max 500m, motion detec., Coax Ctrl, IP66, IK 10, Dual Voltage (12 Vdc / 24 Vac).

**HCO-7010RP**



Bullet camera 4MP, CMOS, PS, QHD (2560 x 1440, 25fps) over coax, BNC (AHD / CVBS) D-WDR, fixed lens 2.8mm, 20m IR range, ICR, dist. max 500m, motion detec., Coax Ctrl, IP66, IK10, 12 Vdc.

**HCD-7010RP**



Minidome camera for indoor 4MP, WiseNet HD+, CMOS, PS, QHD (2560 x 1440, 25fps) over coax, BNC (AHD / CVBS) D-WDR, fixed lens 2.8mm, 20m IR range, ICR, dist.max 500m, motion detec., Coax Ctrl, 12 Vdc.

**HCD-6070RP**



Minidome camera for indoor 2MP, WiseNet HD+, CMOS, PS, FullHD over coax (1920x1080, 30fps), BNC (AHD / TVI / CVI selectable), WDR 120dB, Varifocal lens 3.2-10mm (manual), 20m IR range, ICR, De-Fog, dist.max 500m, motion detec, Coax Ctrl, Dual Voltage (12 Vdc / 24 Vac).

**NEW**

**HCZ-6320P**



Box Zoom camera 2MP, WiseNet HD+, CMOS, PS, Full HD over coax (1920x1080 30fps), BNC(AHD) micro connector CVBS, zoom lens integrated 32x (4,44-142,6 mm), WDR(120dB), ICR, De-Fog, motion detec., Coax Ctrl, Dual Voltage (12 Vdc, 6W). Dimensions: 72x60x137 mm.

**HD COAX CAMERAS & PTZ**

# CCTV CAMERAS

**WISENET**  
SAMSUNG

**NEW**

**HCP-6320HA**



SpeedDome for Outdoor 1080p Analog HD, with CMOS progressive sensor 1/2,8" 2.38MP, Zoom 32x. Pan: 360° continuous, tilt: 210°. ICR, 0.3/0.03 lux, WDR 120dB, SSSR, SSSNR, Motion detection, Video Analytics, Privacy masking. Power supply: 24Vac @65W max (heater ON). IP66, IK10. Operating temperature: -50°/+55°C.

**TELEA**

PHASING OUT

**T15CD692S**



Speed dome camera outdoor in Stainless Steel AISI316L day&night 1/4" ExView HAD CCD SONY FCB-EX1010P. >530HTVL 36x optical zoom, f=3.4 mm (wide) to 122.4 mm (tele), F1.6 to F4.5. 12x digital zoom. High sensitivity for low levels of brightness. Advanced image control features: Auto, Manual, Priority mode (shutter priority & iris priority), Bright, EV compensation and Backlight, WDR, Slow AE. Auto-focus with manual correction. High-performance Pan/Tilt/Zoom mechanism. 256 programmable preset positions. 2 programmable tours. Privacy mask function with 24 zones. Configuration and control via RS485, Pelco D/P protocol. Power: 24Vac@2A (50/60Hz). Operating temperature: -30°C/+60°C. IP66 enclosure complete with fan and anti-condensation heater, sun shield, clear bubble, wall bracket.

PHASING OUT

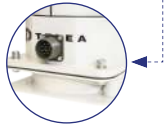
**DOV.51**



Compact PTZ positioning unit within SONY FCB-EX1020P camera module. High resolution 550TVL. 1/4" EXview HAD CCD Progressive sensor. 1.4Lux (F1.6 with 50IRE). Optical zoom 36x, F1.6/F4.5, digital zoom 12x. WDR, Electronic Image Stabilizer, A-ICR, noise reduction, Sync system, S/N ratio >50dB. High strength alloy aluminum body. Variable speed: up to 80°/s Pan up to 60°/s Tilt. Horizontal continuous rotation. Vertical rotation -90°/+90°. Dynamic video masking of different areas. Built-in wiper. Night lighting laser range: 10-400m. Multiprotocol RS485 interface control (Pelco D 2400/4800/9600 Pelco P 4800/9600). 256 preset position. 4 alarm input, 1 alarm output. Video/power/RS485 lightning protection. Operating temperature: -30°C/+60°C. Power supply 24Vac@55W. (NTSC version also available).

PHASING OUT

**DOV.51M**



Compact PTZ positioning unit with Sony FCBEX1020P camera and MIL STD connector. More details like DOV.51.

PHASING OUT

**TDS1003**



3D joystick compatible with Multiplexer/DVR TDS series, PTZ TELEA and all other products that work with PelcoD & PelcoP protocol. Power supply: 12Vdc (adapter for 96-240Vac 50/60Hz included). Dimensions: 360x200x108 mm. Weight: 3Kg.

PHASING OUT

**TDS1003M**

Desktop control keyboard, replacing the old CK101 model. Keypad with 3-axis compatible with Multiplexer TDS series and CMP163. Power supply: 12Vdc with adapter for 96-240Vac 50/60Hz included. Dimensions: 360x200x108 mm. Weight: 3Kg.

**HD COAX CAMERAS & PTZ**

# CCTV CAMERAS



**STP57-10**



Wall mounting bracket for DOV57 and 56 Series.

**STP51-27**



Wall mounting bracket for PTZ type DOV.51 and other models.

**04A043**

Pole mounting bracket for JBX series junction boxes, speed dome series T15CD and other products.



**SBP-300WM1**



Wall mounting bracket suitable for Speed domeseries XNP, SNP, QNP.

**SBP-301HM2**



Bracket support adapter for MiniDome QNV series.

**SBP-300PM**



Pole mount adapter suitable for SBP-300WM1 bracket.

# CCTV CAMERAS

**TSP2812IR3MP**



Varifocal lens 3.0 Megapixel 2,8-12 mm, suitable for 1/2,7" sensor or lower, F1.4-360, auto IRIS DC, CS mount. Suitable for use with DAY-NIGHT and Full HD cameras. Operating temperature: -20°C/+60°C.

**TNV0550D.IR**

Varifocal Lens f= 5.0-50 mm 1/2.5" F1.4 3MP CS DC Auto Iris. Suitable for use with DAY-NIGHT and Full HD cameras. Operating temperature: -20°C/+60°C.

**EX2C**



Focal duplicator for objective lens with pitch "C" type.

**10F001**

Mounting ring for optical filters diameter 56 mm. Coupling with objective lens of external diameter 56 mm. Realized in anodized Al.

**10F002**

Mounting ring for optical filters diameter 49 mm. Coupling with objective lens of external diameter 49 mm. Realized in anodized Al.

**10G118**



Infrared glass filter, type BG18.

**10G002**

IR filter type BG18 with 49mm diameter.

**CAMERA'S LENSES**



# CCTV CAMERAS



**TCS-3000**



Codec 1CH, 50/60fps @ 1920 x 1080 Encoder Composite & HDMI In/Output / SDI IN/Output, Quadruple Streaming. Power supply included.

**TCS-1500**



Codec H.264, 1Channel, 50/60fps @ 1080p Decoder Composite & HDMI Output / SDI Output. Power supply: 12Vdc 1.0A included or PoE IEEE802.3af. 9,6W max.

**TCS-410**



Encoder / decoder, 4 BNC video input, H.264 / MPEG-4/MJPEG simultaneous double selector, 3 levels max 720x576 pixels, 25fps max, 2 alarms, RS-485/422/232 port, 1 audio, loop through, Ethernet Card and plug-ins in Internet Explorer. Power supply 12V / 0,6 A, PoE (Power over Ethernet). Consumption: 7.2W max.

**TCS-300**



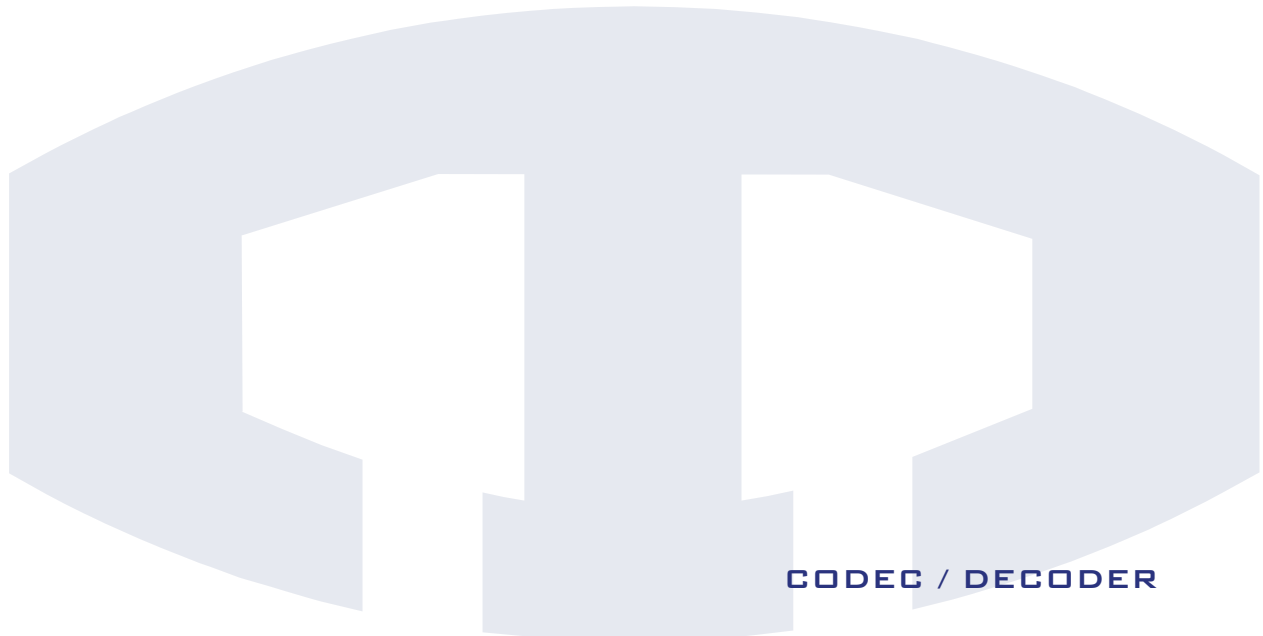
Encoder /decoder, 1 BNC video input, images H.264/MPEG-4/MJPEG. Simultaneous Dual selector 3 levels max 720x576 pixels, max 25fps, 2 alarms, RS-485/422/ 232 port, one audio, loop through Ethernet card and plug-in Internet Explorer. Power 12V/0.6A power supply kit/PoE (Power over Ethernet). Max consumption 7,2W.

**04072A0**

Rack mount up to 10 modules encoder / decoder, standard 19" rack 4U. Supplied complete with accessories and front panels.

**04A115A0**

Mounting bracket for fixing codec TCS1500 and other models to monitor with Standard VESA 100\*100mm.



**CODEC / DECODER**

# HOUSINGS & PTZ



**DOVEXPTZB242**



ATEX PTZ unit made of Stainless Steel AISI316L complete with sunshield, heater and wiper. Protection degree: II2GEx db op pr IIC T6 Gb -40°C ≤ T.amb ≤ +60°C (for IIB T5 Gb -40°C ≤ T.amb ≤ 75°C), II2D Ex tb IIIC T100°C Db -40°C ≤ T.amb ≤ +75°C IP66/IP67. Complete with telemetry receiver RS485 Pelco D protocol. Preset function. Continuous horizontal movement 360°, speed 0-36°/sec. Vertical movement +/-90°, speed 0-18°/sec. Backlash <0.1°. Operating temperature: -40°/+60°C [+75°C]. Power supply: 24Vdc, 95W max. Weight: 46Kg.



**DOVEXPTZD432**



Dual ATEX PTZ unit made of Stainless Steel AISI316L with integrated housing for IP camera complete with sunshield, heater and wiper and second housing with IR LED illuminator, 15° beam pattern, 850nm. Protection degree: IIB T4 Gb -40°C ≤ T.amb ≤ 75°C, IP66/IP67. Complete with telemetry receiver RS485 Pelco D protocol. Preset function. Continuous horizontal movement 360°, speed 0-36°/sec. Vertical movement +/-90°, speed 0-18°/sec. Backlash <0.1°. Operating temperature: -40°/+60°C [+75°C]. Power supply: 115Vac, 95W max. Weight: 55Kg.



**DOVEXPT**



Standalone Pan & Tilt unit, electro-polished AISI316L Stainless steel, ATEX certified II 2G Ex db op pr IIC T6 Gb -40°C/+60°C, IP66/67. Variable speed, 350° pan rotation (+/-175°), 0-36°/sec. Tilt rotation +/-90°, 0-18°/sec. Maximum load: 25Kg. Pelco D RS485 protocol. With side mounting bracket, suitable for CF.EX129 housings or third party camera housings. Cable entry: 2x M20x1,5. Operating temperature: -20°C/+60°C.



**CF.EX.129M**



Fixed camera housing realized in electro-polished AISI316L Stainless Steel, ATEX certified II 2 G/D Ex d IIC T6 -40°/+60°C, IP66/67. L= 375 mm. Complete with sunshield and thermostatically controlled heater/demister. Power supply: 24Vac, 25W max. Cable entry: 2x M25x1,5.



**CF.EX.129WWL**



Fixed camera housing realized in electro-polished AISI316L Stainless Steel, ATEX certified II 2 G/D Ex d IIC T6 -40°/+60°C, IP66/67. L= 500 mm. Complete with sunshield, thermostatically controlled heater/demister, integrated wiper. Power supply: 24Vac, 25W max. Cable entry: 2x M25x1,5.

**DOV.53**



PTZ unit made of Stainless Steel AISI316L. Pan rotation 350° (+/-175°), speed 0-36°/sec. Tilt rotation: 180° (+/-90°), speed 0-18°/sec. Backlash <0.1°. Operating temperature -20°C/+60°C. Power supply: 24Vac, 80W max. Telemetry receiver included.

**DOV.53AC**



Fixed speed PTZ unit made of Stainless Steel AISI316L, IP66-IP67, with side mounting bracket for camera housing. T-shaped body version. Cable entry 2 M20x1,5. Suitable for CF series camera housings or third-party camera housings. Electronic end-stop limits controlled by integrated controller.

**DOV.53HT**

PTZ unit made of Stainless Steel AISI316L for high temperature with protective screen for heat / radiation. Pan rotation 350° (+/-175°), speed 0-36°/sec. Tilt rotation: 180° (+/-90°), speed 0-18°/sec. Backlash <0.1°. Operating temperature -20°C/+60°C. Power supply: 24Vac, 80W max. Telemetry receiver included.

**TX25DC**

Telemetry controller, RS485, Pelco-D protocol, for control of variable speed Pan&Tilt, motorized zoom lens, washer and wiper (if present). Includes 12V DC, 1A output. Requires 24V~ supply.



**TVGUB211**



Explosion-proof camera housing realized in Aluminum, with anti-condensation resistance (24/115/230 Vac to be specified in phase of order). Certified: II 2 GD - Eex d IIC IP66 T4/T5/T6 (to be specified in phase of order). Complete with heater and n°. 2 Inputs (1xM25 + 1xM20). Cableglands not included. Complete with Stainless Steel AISI304 sunshield and wall mounting bracket with swivel joint in Stainless Steel AISI304.

**ATEX, STAINLESS STEEL, ALUMINIUM**



# HOUSINGS & PTZ

**DOV.54WW**



Pan & tilt unit, IP67 with applicable dimension: 96mmx81mmx215mm (WxHxL). Made in stainless steel Inox AISI316L. Pan-tilt angular movement from -180° to +180°. Pan speed 0-18°/sec, Tilt speed 0-9.5/sec. Supplied with wash and wipe (water pump is not included). Sun shade and anti-condensation resistant included. Telemetry receiver included. Operation temperature: -20°C to +55°C. Power supply: 24Vac 50/60Hz, 80W.

**CF.E.05.SH**



Camera housing made of Stainless Steel AISI316L, L=360mm, usable front window 90mm, thickness 5mm. IP67 protection degree. Operating temperature -20°C/+60°C. Complete with sunshield and heater. Cable entry: 2 M20x1,5. Power supply: 24V. Power consumption 10W.

**CF.E.05.WWL**



Camera housing made of Stainless Steel AISI316L, L=460mm, usable front window 72mm, thickness 12mm. IP67 protection degree. Operating temperature -20°C/+60°C. Complete with sunshield, wiper and heater. Cable entry: 2 M20x1,5. Power supply: 24V. Power consumption 10W.

**DOV.57A**



PTZ Positioning unit for analogic or IP camera. Body in die-cast aluminum. Variable speed up to 100°/s Horizontal continuous rotation. Vertical rotation -90°/+40°. Wiper, internal ventilation and built-in heater. Integrated infrared LED (optional) with a range up to 100m. Multiprotocol serial interface RS485 (Pelco D 2400/4800/9600 Pelco P 4800/9600). 256 positions preset. Video/Power/RS485 terminal protected from surges. Connection electrical wiring for video/data (length: 7 m) provided. Operating Temperature: -35° to +55°C. Power supply 24Vac @ 55W.

**DOV.57A.IR100**

PTZ positioning unit for analog camera with dual infrared LED light integrated with capacity up to 100m. Other features like DOV.57A.

**DOV.57A.IR300**

PTZ positioning unit for analog camera with dual infrared LED light integrated with capacity up to 300m. Other features like DOV.57A.

**CF.E.57**



Camera housing made of Aluminum. Protection degree IP67. Operating temperature: -35°C/+55°C (with thermostatically controlled fan). Complete with ABS sunshield, wash wiper and heater. Available power supply: 24Vac, ≤0.1W fan and resistance 10.5W, wiper 1.2W. Internal dimensions: 310x100x70 mm. Weight 4kg. Wall mounting bracket not included.

**GL606H**



Camera housing made of Aluminum, complete with bracket, sunshield and 230Vac anti-condensation heater. Protection degree: IP66.

**TAN14X001**



Fluid tank capacity 25 liters, with integrated pump with prevalence 19m. Complete with cage to contain and support for wall/pole mounting made of Stainless Steel AISI304. Supplied with EPDM hose L=20m. IP66. Power supply: 24Vac or 230Vac to be specified when ordering.

**TAN14X011**

Washer fluid tank capacity 25 liters, with integrated pump with prevalence 19m. Complete with mounting frame and cover for full protection from sun. Made of Stainless Steel AISI304. Supplied with EPDM hose L=20m. IP66. Power supply: 24Vac or 230Vac to be specified when ordering.

**ATEX, STAINLESS STEEL, ALUMINIUM**



# HOUSINGS & PTZ

**THK300**

Camera housing IP66 with internal available dimensions: 105x86x300 mm. Flat glass window: 80x70 mm. Power supply 230Vac for heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.

**THK320**

Camera housing IP66 with internal available dimensions: 105x86x300 mm. Flat glass window: 80x70mm. Power supply 12Vdc/24Vac for heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.

**THK329**

Housing for IP66 cameras. Internal dimensions available: 105x86x300 mm. Provided without window. 12Vdc / 24Vac heating. Other features like THK300.

**THK500**

Camera housing IP66 with internal available dimensions: 105x86x350 mm. Flat glass window: 80x70 mm. Power supply 230Vac for heater and thermostat. Cable glands: 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.

**THK520**

Camera housing IP66. Internal dimensions available: 105x86x350 mm. Glass window: 80x70 mm. 12Vdc / 24Vac heating. Other features arrive THK500.

**THK529**

Camera housing IP66. Internal dimensions available: 105x86x350 mm. Provided without window. 12Vdc / 24Vac heating. Other features arrive THK500.

**THK530**

Camera housing IP66 with PoE+ splitter. Internal available dimensions: 105x86x350 mm. Flat glass window: 80x70mm. Power supply PoE+: 30W (IEEE 802.3at) input: 36-57Vdc - output: 12Vdc for camera, heater and thermostat. Cable glands No. 3 M16x1.5. Operating temperature: -20°C/+55°C. Die-cast and extruded aluminum body. Opening slide and hang system. Color white RAL9002. Supplied with sunshield and wall mounting brackets.

**PA1**

Pole mount adapter for 1 housing THK, Airtec and IR08 Series.

**PA2**

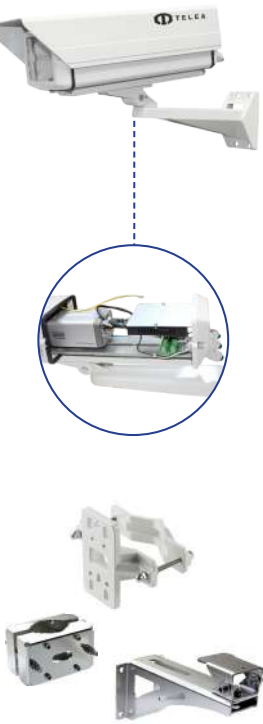
Pole mount adapter for 2 THK housings.

**ATP05**

Stainless steel AISI316 pole mount adapter for wall bracket.

**SPT05**

Stainless Steel AISI316L wall mounting bracket for Series CF.E.05.



Other models available as shown in the table:

T	H	K	A	B	C
			Length	Power Supply	Window
			3 = 300 mm	0 = 230Vac	0 = Flat glass
			5 = 350 mm	2 = 12Vdc / 24Vac	1 = Convex glass
				3 = PoE+	3 = Germanium (30Ø usable)
				9 = Ø	5 = Germanium (55Ø usable)
					9 = Without window

THK housing product code configuration

**ATEX, STAINLESS STEEL, ALUMINIUM**

# VIDEO MANAGEMENT SYSTEM



**DMS\_Ent7**  
*Enterprise*



Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with enterprise version of Matrica software embedded, it allows to display video streaming coming from up to 128 Telea's MegaPixel cameras/codec, up to a maximum of 16's simultaneously. Up to 31 other Digimatrix Decoder and relevant monitors may be managed. Management and logical programming with activation of relay modules up to 384 DI/DO (licenses excluded). PTZ cameras managed with virtual keyboard/USB mouse, USB Joystick controller available as option. Fanless passive cooling for 24/7 nonstop operation. Instant recording function. Integration with automation systems with various communication protocols such as MODBUS, Profibus, etc (licenses excluded). Integration with alarm central units, such as TecnoAlarm protocol (license excluded). Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

**DMS\_Pro7**  
*Professional*



Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with professional version of Matrica software embedded, it allows to display video streaming coming from up to 64 Telea's MegaPixel cameras/codec, up to a maximum of 16's simultaneously. Up to 15 other Digimatrix Decoder and relevant monitors may be managed. Management and logical programming with activation of relay modules up to 192 DI/DO (licenses excluded). PTZ cameras managed with virtual keyboard/USB mouse, USB Joystick controller available as option. Fanless passive cooling for 24/7 nonstop operation. Instant recording function. Integration with alarm central units, such as TecnoAlarm protocol (license excluded). Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

**DMS\_Pro5**  
*Professional*



Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with professional version of Matrica software embedded, it allows to display video streaming coming from up to 64 Telea's MegaPixel cameras/codec, up to a maximum of 16's simultaneously. Up to 15 other Digimatrix Decoder and relevant monitors may be managed. Management and logical programming with activation of relay modules up to 192 DI/DO (licenses excluded). PTZ cameras managed with virtual keyboard/USB mouse, USB Joystick controller available as option. Fanless passive cooling for 24/7 nonstop operation. Integration with alarm central units, such as TecnoAlarm protocol (license excluded). Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

**DMS\_Std5**  
*Standard*



Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with standard version of Matrica software embedded, it allows to display video streaming coming from up to 16 Telea's MegaPixel cameras/codec simultaneous. Up to 3 other Digimatrix Decoder and relevant monitors may be managed. Management and logical programming with activation of relay modules up to 48DI/DO (licenses excluded). PTZ cameras managed with virtual keyboard/USB mouse, USB Joystick controller available as option. Fanless passive cooling for 24/7 nonstop operation. Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz. Low power consumption max 26.5W. Operating temperature: 0°-40°C.

**DMS\_Dec7**  
*Decoder*



Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with decoder version of Matrica software, it allows to display video streaming coming from 16/64/128 Telea's MegaPixel cameras/codec, depending on the Matrica software version to which it is paired. Live view only function. Failover function. Fanless passive cooling for 24/7 nonstop operation. Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz, max 1.6A. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

**DMS\_Dec5**  
*Decoder*



Embedded IP based "Digital Video Matrix" powered by Intel® Core processor. Storage 60GB 2.5" SSD, memory 2x4GB DDR3L. WINDOWS 7 professional 64 bit. Supplied with decoder version of Matrica software, it allows to display video streaming coming from 16/64/128 Telea's MegaPixel cameras/codec, depending on the Matrica software version (Std/Pro/Ent) to which it is paired. Live view only function. Fanless passive cooling for 24/7 nonstop operation. Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

**MATRICA PLATFORM**

# VIDEO MANAGEMENT SYSTEM



**DMS\_BAS3**



IP digital video matrix for management up to 2 video flows on 2 monitors. Supplied with Matrica base version software, allows the full screen visualization of 2 signals coming from 2 Telea cameras/codec on 2 different monitors. Management and logic programming with the activation of up to 2 DI/DO relay modules (licenses excluded). PTZ cameras managed with virtual keyboard/USB joy (as option). Integrated Intel Core i3-5005U processor. Storage 60GB\* 2,5" SSD, memory 2x4GB\* DDR3L. Windows 7 Professional\*. Compact size, designed to be mounted on rear monitor (VESA mounting). Power supply: IN 100-240Vac, 50/60Hz. Low consumption: 26,5W. Operating temperature: 0-40°C. [\*Standard version, if different indicated below].

**PCS\_i7**

Fanless PC workstation with Intel® Core i7-5500U integrated processor. Other features like PCS\_i3.

**PCS\_i5**

Fanless PC workstation with Intel® Core i5-5200U integrated processor. Other features like PCS\_i3.

**PCS\_i3**



Fanless slim PC workstation with built-in Intel® Core i3-5005U processor. Storage 60GB\* 2.5" SSD, memory 2x4GB\* DDR3L. WINDOWS 7 professional\*. Fanless passive cooling for 24/7 nonstop operation. Compact dimension, designed to be mounted on the backside of a LCD monitor (75/100mm VESA mount supplied). Power supply: input 100~240Vac, 50/60Hz, max 1.6A. Low power consumption: max 26.5W. Operating temperature: 0°-40°C.

**MAT\_Lic\_PLC**

Communication activation license on Ethernet network to control/ preset/ views between Matrica platform and PLC / DCS customer. Enable the programming for the direct control and subject to the command strings sent by the automation system of the monitor displays and the positioning of the cameras. Protocol to be determined when ordering. Valid qualification license for the entire system.

**MAT\_Lic\_1IO**

Activation license for single I/O Ethernet module for MATRICA platform.

**MAT\_Lic\_1TL**

Activation Licenses for single IP/codec device for Matrica platform.

**MAT\_Lic\_DEC**

License for Matrica DECODER. Installed on PC with Windows OS, it allows video flows view from cameras/codec installed on Matrica platform. Full screen or multiple screen 1,2,4,9 simultaneous images. Display management from Matrica Console via operator commands, I/O contacts modules or logical programs. Includes setup and configuration activities at our factory. License for single PC.

**MAT\_Lic\_ENT**

License for Matrica ENTERPRISE. Installed on PC with Windows OS, it allows video flows view from cameras/codec installed on Matrica platform, Instant Recording function, TecnoAlarm protocols, Modbus, Profibus or customized. Full screen or multiple screen 1,2,4,9 simultaneous images. Display management from Matrica Console via operator commands, I/O contacts modules or logical programs. Includes setup and configuration activities at our factory. License for single PC.

**MAT\_Lic\_VMS**

Activation license on Ethernet network for commands/preset/visualizations between VMS (Video Management Software) MATRICA and GALAXY Audio Communication Server. License valid for the entire system.

**USB-JOY**



Remote control keyboard IP Desktop USB Joystick 3 axes, 10 programmable function keys. Full compatible with Matrica platform. Size 169 x 157 mm.

**KITUSBKEY**



Kit composed by optical USB mouse, 3 buttons, 800dpi resolution, compatible with Windows Vista/7/8/10, Linux, Mac; Chrome OS + USB QWERTY mini-keyboard, 87 keys.

**MATRICA PLATFORM**

# VIDEO RECORDERS / RECORDING SOFTWARE

**WISENET**  
SAMSUNG



**PRN-4011P2T**



Network Video Recorder 64CH, resolution 12MP max, IP cameras recording up to 400Mbps, H.265/H.264/MJPEG compression. Max 12HD internal (96TB), Raid5 supported. Supports ARB and Failover function. Video-out for double monitor, HDMI with resolution up to 4K. Protocols: ONVIF, RTSP, etc.

**XRN-2011-1T**



NVR 32CH, resolution up to 4K for each channel, hdd 1TB included, RAID 5, H.265, H.264, MJPEG, WiseStream (H.265, H.264), CIF-12MP (Onvif / rtsp), Samsung iPOLIS DDNS, uscita video HDMI (4K). Power supply: 100-240V AC ±10%, 50/60Hz / 4 -1.5A. Consumption: 99WMax.

**XRN-1610-1T**



NVR 4K with 1TB hdd, 16CH, resolution up to 12MP for each channel, 180Mbps, WiseStream, H.265 / H.264 /MPEG-4 /MJPEG, (Onvif / rtsp), HDMI/Vga output for local monitor (not included).

**QRN-810P1T**



NVR 8CH up to 8MP, with 1TB HDD included, Wisenet Q series. Supports H.265, H264, MJPEG, IP cameras recording up to 100Mbps, HDMI 4K port for local monitor and P2P service support (connection via QR code). Power supply: 12Vdc @4A, max 9W. Dimensioni: 208x300x48 mm. Operating temperature: 0°C/+40°C.

**QRN-410P1T**



4CH Network Video Recorder up to 8MP. Equipped with 1xHDD 1TB. H.264/H.265/MJPEG/WideStream. Recording 50Mbps, CIF-8M (Onvif / SUNAPI). Monitor IN: VGA / HDMI. Power supply: 100-240Vac.

**TELEA**

**NVR\_Std32**  
*Standard*

NVR\_ Standard 32CH with Intel i5 processor, Quad Core - 3.4GHz, SSD SATA SLIM 64GB, RAM 4GB, 2 x RJ45 with LED for 10/100/1000 Mbps Ethernet. WINDOWS 7 - 64 bit. Output 1xHDMI, 1xVGA. Supplied with license TVMS-32CH already installed. Power: 500W.

**NVR\_Std16**  
*Standard*

NVR\_ Standard 16Ch with processore Intel Quad Core – 3.4GHz, SSD SATA SLIM 64GB, RAM 4 GB , 1 x RJ45 10/100/1000 Mbps Ethernet. WINDOWS 7 - 64bit. Output 1xHDMI, 1xVGA. Supplied with software TVMS installed and configured. Power requirements 230Vac, 500W.

**TVMS 16CH**



Software for monitoring, recording of 16 cameras (16CH). We recommend PC with the following specifications: CPU: i7, RAM: 4GB or greater. Graphics memory: 2GB or more – Direct X 9.0 installed.

**TVMS 32CH**

32 CH Monitoring / Recording SW based on Windows / Streaming Relay included.

**HDSATAIIISOLID**

Hard Disk Solid. 2.5" SATA III (64GB) SandForce MLC Flash Memory Drive TRIM support. Specific to digital recorders for video surveillance applications. It includes assembly and setting in our laboratory.

**HD2000GbSATA**



Surveillance HDD SATA 2000 GB. Supplied assembled and tested.

**HD4000GbSATA**

Hard Disk SATA 4000 GB, MTBF, used for digital recording in video-surveillance systems. THE PRICE INCLUDES REQUIRED ASSEMBLING AND SETTING IN OUR LABORATORY.

**HD6000GbSATA**

Hard Disk SATA 6000 GB, MTBF, used for digital recording in video-surveillance systems. THE PRICE INCLUDES REQUIRED ASSEMBLING AND SETTING IN OUR LABORATORY.

**SPC-2000**



PTZ /NVR Control Keyboard with 3-axis twist zoom joystick. USB 2,0 interface. Voltage: 5Vdc, 32mA (USB). Operating temperature: -25°C/+70°C.

**NETWORK VIDEO RECORDERS & SOFTWARE**

# VIDEO RECORDERS / RECORDING SOFTWARE

**WISENET**  
SAMSUNG

**HRD-440P1T**



DVR AHD 4MP 4 CH, HDD 1TB, H.264, monitor output: BNC / HDMI / VGA up to 50/60 fps (4MP), 100/120 fps (1080p), Supports cameras: AHD (4MP), TVI (2MP), CVI (2MP), NTSC/PAL, Samsung iPOLiS DDNS, Coax Control (Pelco-C, ACP) / RS485. Power supply: adapter 12Vdc (100-250Vac, 50/60Hz), 19W max. Dimensions: 300x48x208 mm.

**HRD-840P1T**



DVR AHD 4 MP 8 channels, HDD 1TB (Max 4hdd), H.264, WiseStream, monitor out HDMI / VGA, 120/100 fps (4 MP) - 240/200 fps (1080p), Cameras supported: AHD (4MP), TVI (2MP), CVI (2MP), NTSC / PAL, Samsung iPOLiS DDNS, Coax control (Samsung-T/E, Pelco-C, ACP) / RS485. Compatible with analog cameras.



**HRD-1642P1T**



DVR AHD 4 MP 16 canali, hdd 1TB (Max 8 hdd), H.264, WiseStream, uscita monitor HDMI / VGA, 240 / 200 fps (4 MP) - 480 / 400 fps (1080p), Supporto telecamere: TVI, CVI (Max 2 MP), analogiche, Samsung iPOLiS DDNS, Pelco-C (Coaxitron), AHD: ACP (AHD Coax Protocol) / RS485, Compatibile con telecamere analogiche standard PAL.

**SPC-2010**



PTZ / DVR Control Keyboard, complete with 3D joystick and LCD display at 2 test lines. Management up to 255 units. RS-485/422 interface. Voltage: 12Vcc, 1,1W. Operating temperature: 0°C/+40°C.

**ANALOG VIDEO RECORDERS**



# MONITOR



**SC19-E**



Monitor LED 19" Backlit TFT LCD display 16:9, for professional use 24/7. Anti burn-in function, resolution Full HD 1920x1080 pixel, 625HTVL, 250 cd/mq, angle of view 170°(H)x160°(V), contrast 20.000:1, answer time: 3 ms. Inputs: BNC, VGA, HDMI, USB 2.0; Output: BNC. Internal power supply: 100-240Vac, 50/60Hz, <16W. VESA mounting. Certifications: CB, CE, FCC, WEEE, RoHS, REACH.

**SC22-E**



Monitor LED 22" Backlit TFT LCD display 16:9, for professional use 24/7. Anti burn-in function, resolution Full HD 1920x1080 pixel, 625HTVL, 250 cd/mq, angle of view 170°(H)x160°(V), contrast 20.000:1, answer time: 3 ms. Inputs: BNC, VGA, HDMI, USB 2.0; Output: BNC. Internal power supply: 100-240Vac, 50/60Hz, <16W. VESA mounting. Certifications: CB, CE, FCC, WEEE, RoHS, REACH.

**SC32-AH**



Monitor LED - Backlit TFT LCD 32" for professional use 24 hours / 7 days. Resolution Full HD 1920x1080, 450 cd/mq, 3000:1 contrast, angle of vision: 178°(H) x 178°(V). Answer time: 4 ms. 650 HTVL. Inputs: D-sub15, HDMI, BNC, S-Video. Consumption: <65W (on). Power supply: 100-240V, 50/60Hz. Dimensions: 752.5x503.8x189 mm. Weight: 9.3Kg. Certifications CE, FCC, RoHS, WEEE.

**SC42-AH**



Monitor LED - Backlit TFT LCD 42", for professional use 24/7, Full HD 1920x1080 resolution, brightness 400 cd/mq, contrast 3000:1, angle of view: 178°(H)x178°(V). Answer time: 3 ms. 650HTVL. Input: D-sub15, HDMI, BNC, S-Video.

**U-23**



Monitor COL LED VGA 23". Resolution Full HD 1920x1080 pixel, 250cd/mq. Angle of vision 170°(H) x 160°(V), 1000:1 contrast, answer time: 3 ms, 1xIN VGA, 1xIN DVI-D. Special anti-reflective scratch-resistant glass protection (<1%) high transmission (>96%). Panel life 50,000 hours (minimum) 7/7 and 24/24. Dimensions: 572x403x174 mm (with desktop bracket). Low consumption power supply: >21W, 100-240V, 50-60Hz. Certifications: CB, FCC, CE, TCO 5.2, Energy Star, RoHS, WEEE, REACH, GOST-R.



**LW-24E**



Monitor 24", LED-Backlit TFT LCD display. Resolution Full HD 1920x1080p, brightness 250cd/m², 178°(H)x160°(V) vision, contrast: 30,000,000:1, answer time: 3ms. Inputs: VGA, HDMI, DisplayPort. Audio 1x3,5mm jack, 2Wx2 speaker. Power supply included, 100-240V, 50/60Hz, consumption: <40W (On). Operating temperature: 0°-40°C. VESA mounting (100x100mm).

**LW-27E**



Monitor LED-Backlit TFT LCD 27". Resolution: Full HD 1920x1080. Brightness: 300 cd/mq, contrast: 30,000,000:1 (DCR), display color: 16,7M, answer time: 3ms. Ports: VGA 15-Pin D-Sub, HDMI 1.4, DisplayPort 1.2. Internal power supply, requires: 100-240V, 50/60Hz, consumption: 40W. Operating temperature: 0-40°C. VESA mounting.

**LE-22E**



Professional monitor 22", LED-Backlit TFT LCD display. Resolution Full HD 1920x1080p, brightness 250cd/m², 178°(H)x178°(V) vision, contrast: 20,000,000:1, answer time: 7ms. Inputs: VGA, DVI, Hdmi. Audio 1x3,5mm jack, 2Wx2 speaker. Power supply included, 100-240V, 50-60Hz, consumption: <33W (On). Operating temperature: 0°-40°C. VESA mounting (100x100mm).

MONITOR

# MONITOR



**RX-24E**



Monitor LED-backlit 24" 16:9, resolution FHD 1920 x 1080 pixel, brightness 250 cd/m<sup>2</sup>, contrast ratio 1000:1, response time 3ms (GTG). Input: VGA, DVI-D, CVBS, S-Video HDMI, output CVBS (BNC x 2) DC Output . Audio Utput 2Wx2. Power 100-240V 50-60Hz Consumption < 27 W. Heavy metallic enclosure with frontal optical glass NeoV. Weight 7,9 Kg. Certifications FCC, CB, CE BSMI, RoHS, WEEE, REACH, GOST-R.

**RX-22E**



Monitor LED-backlit 22" 16:9. Resolution up to fino 1920 x 1080 pixel, 625 horizontal lines, brightness: 250cd/mq, vision: 170°(H) x 160°(V), 1000:1 contrast, answer time: 3ms, 2 video input BNC, 1xVGA, 1xDVI-D, 1xAudio. Anti-burn-in technology specific for TVCC applications. Special functions PiP, PAP and 180° rotation. Front keys "in contact". Speakers: 1.5Wx2. Sturdy cabinet in metal and special glass scratch protection antireflective (<1%) and high transmission (>96%). Panel resistance: 50.000 hours (minimum). Low power. Power supply: 100-240V, 50/60Hz, <30W with external supply. Compact dimensions: 513x369x155 mm (with table bracket). Weight: 6.9Kg. IP22. Operating temperature: 0°/40°C. Certifications: TUV-GOST-R. Ideal for industrial applications.

**SX-19E**



Monitor LED 19" Backlit TFT LCD display 4:3, for professional use 24/7. Anti burn-in function, resolution up to 1280x1024 pixel, 625HTVL, 250 cd/mq, angle of view 170°(H)x160°(V), contrast 1000:1, answer time: 3 ms. Inputs: BNC x2, VGA. DVI-D, HDMI, DisplayPort, 4-Pin mini DIN, USB 2.0; Output: BNC x2. External control: RS-232. Internal power supply: 12Vdc, <20W. Certifications: FCC, CB, CE, REACH, WEEE, RoHS, EuP/Erp.

**SX-17E**



Monitor LED 17" Backlit TFT LCD display 4:3, for professional use 24/7. Anti burn-in function, resolution up to 1280x1024 pixel, 625HTVL, 250 cd/mq, angle of view 170°(H)x160°(V), contrast 1000:1, answer time: 3 ms. Inputs: BNC x2, VGA. DVI-D, HDMI, DisplayPort, 4-Pin mini DIN, USB 2.0; Output: BNC x2. External control: RS-232. Internal power supply: 12Vdc, <19W. Certifications: FCC, CB, CE, REACH, WEEE, RoHS, EuP/Erp.

**SX-15E**



Monitor LED - Backlit TFT LCD 15", resolution up to 1024x768 pixels, brightness 350cd/mq, vision 170°(H) x 160°(V), 700:1 contrast, 4ms response time, 1+1 BNC video input, 1 VGA, 1 DVI-D, S-Video. ANTI-BURN-IN technology specifically for CCTV applications. Robust metal cabinet and special anti-reflective scratch-resistant glass protection (<2%) with high transmission (> 96%). Required external power supply, 12Vdc. Consumption <17W (on). Compact size 380x359x155 mm. VESA mounting. Weight: 4.7Kg. CB, FCC, CE, WEEE, RoHS, REACH certifications.



**M15D RACK**



Monitor LCD 15" 16:10 plastic cabinet, max resolution 1024x768, 500:1 contrast, 450cd/m<sup>2</sup> brightness, response time: <8 ms, 2 BNC video inputs with loop + 1 Integrated Audio VGA to 2 outputs 2.5W, VESA 100. Power supply: 12Vdc, <60W (included). Supplied with mounting bracket Rack 6U.

MONITOR

# MONITOR



PHASING OUT

**HMON-42-L**



Vandal-resistant protective polycarbonate housing for monitor 42" with protective units in painted steel. Ideal for industrial environments IP54 / NEMA4. Ideal for dust and dirt, excellent resistance to shock and electrical surges. Supplied with anti-glare protective glass, cooling fan more directional fans and bracket for wall mounting with 15° inclination. Dimensions: 761x1127x233 mm. Weight 35 Kg. Operating temperature: 0°C / +30°C.

**SC-7PM**



Portable monitor touch screen 7" with DVR function for IP signal, CVBS, HS-SDI. Multifunctional tester, ideal for the calibration, control and focus adjustment of a camera connected directly to the apparatus. Commands for RS485 serial lines with PELCO-D, PELCO-P, Samsung, Panasonic, Lilin, Yann etc. protocols. Check continuity of Ethernet cables. Video recording, snapshot, save and playback function. Supplied with a touch screen 7" IPS Full HD 1280x800 pixel monitor. Lithium battery 7.4V 5000mAh. LAN 10/100Mbps RJ45 – IP camera and PoE. Supports Wifi and Bluetooth connection. Support network PTZ management (ONVIF), OSD menu. External power supply: 12Vdc 2A. Dimensions: 231x172x52 mm. Operating temperature: -10°C/+50°C.

**SC-7PM FULL**

Portable touch screen 7" monitor, resolution 1024X800, HD display. CCTV TESTER complete with all functions such as: Cable scan, Video level meter, Digital Multimeter, Optical power meter, Visual fault locator, TDR cable test. Supports 1080P HD camera test, PTZ ONVIF control, camera test and analogue markup. PoE power supply, DC48V, 24W / 5V maximum power consumption. Other features like SC-7PM.

**ST RACK19"**



Monitor mounting brackets: different types and different inclinations available.

**LED100WM**

Wall bracket for 13"-30" LED, LCD, TV Tilt 3 joints. Dimension: 116mm x152mmx [81-390]mm. Weight: 1 kg. Color: black. Easy and quick to install. Ideal for office and commercial applications.

**LED400WM**



Wall mounting bracket for 23"-55" LED, LCD, TV, full motion, arm 3 joints. Allows angle mounting. Dimension: 458mmx425mmx[73-440]mm. Color: black. Supports up to 50 kg.

**LED500CMP**



Ceiling bracket for TV LED LDC or monitor 15"-32". Supports up to 50kg. Includes VESA plate max 200x200 mm. Bracket inclination: 0° to -25°. Extensible bar with adjustment from 673 to 1023 mm. Mounting accessories (screws, plugs... ) included in the package; material: steel; color: black.

**LED500CM**



Adjustable support for wall or ceiling for LCD 32-55". Maximum weight to support: 50kg. Inclination from 0° to 20°. With extendable Bar from 100cm to 150 cm. Color: black, fixing accessories (screws, wall plug...) included.

**ExtenderUSB**



Connects USB devices to a maximum distance of 50 m with CAT5 / 5e / 6 network cable. Consisting of a local drive with a Type A male connector (to be connected to the computer) and a remote drive with a Type A female connector (for connection to the device). USB 1.1 max speed: 12Mbps / Full Speed. Bus-powered. No external power supply required.

**VE01VGA**



ACTIVE Transmitter+receiver for one VGA signal transmission, STP cable or UTP CAT5/6E. Maximum distance: 70m, 1920x1200 pixel (100Mhz); 1024x768 pixel (60Mhz) 75m; 800x600 pixel (30Mhz) 105m.

**HEO1SE-2**

HDMI Extender - Single CAT5/6e cable. Transmission range up to 60m at 1080i and 30m at 1080p, 60Hz resolution. HDMI 1.3 compliant.

**JBMON1**

Monitor junction box with power and video BNC socket, complete with video cable BNC-BNC connected l=2m.

**COAXPC**

Coax cable BNC-BNC RG59 payable 1m long, for connection between devices in the control room.

**COAXP1**



Support form for coaxial cable (RG59-RG11) with screw clamp on input and output on BNC. For DIN rail mounting. Ideal for deploying video signals in the closet. Complete with coaxial patch cord l = 2m. Avoid using BNC connectors for RG11.

**HDMI 1m**

High Speed HDMI Ethernet cable, with ferrite. Connections A/A M/M. Length: 1m. Supports HEC, ARC, 3D, max resolution: 4096x2160@24Hz, Deep Color and xv Color

**HDMI 2m**

HDMI High Speed Cable with Ethernet A/A M/M connections, with ferrite. Length: 2m. Other features like HDMI 1m.

**HDMI 3m**



HDMI High Speed Cable with Ethernet A/A M/M connections, with ferrite. Length: 3m. Other features like HDMI 1m.

MONITOR

# TRANSMISSION PRODUCTS



**DDG-5HacD**



Wireless transceiver Wi-Fi 5Ghz IEEE802.11ac with 8° 25dBi integrated antenna, 404mm diam. Ideal solution for Point to Point transmission. With in CPU 720Mhz CPU 300Mhz, gigabit Ethernet port for typical transmission up to 433Mbit/sec. Poe 802.3at. IP65 case made of materials resistant to UV rays, operating temperatures: -40°C to +70°C. Specific setting activity is required in our laboratories before shipping.

**TQRT5AC**



Integrated solid-state built-in antenna with 5GHz wireless transmitter. Equipped with output power (up to 24 dBi) 802.11ac radio. Degree of protection IP-65. Radio fractive band 4.9 - 5.875 GHz. Dimensions 309x320x50 mm. Power supply 24 V passive PoE Adapter 100-240 Vac included. Consumption 11 W. Operating temperature -40°C/+70°C.

**TSXT5qAC**



High speed 5GHz weatherproof outdoor wireless device, complete with a ready to mount enclosure and built-in antenna 23°. Ideal solution for Point to Point transmission. With CPU 600Mhz, 1x10/100/1000Mbit/s Ethernet port for typical transmission, on-board dual chain 5GHz 802.11a/n/ac wireless module. Power input: PoE 8-30VDC, packaged with 24VDC. 0.8A power adapter and passive poE injector. Consumption: 7W at 24V. Dimensions: 129x129x34mm. Operating temperatures: -40°C to +70°C. IP55 protection degree. Certifications FCC, CE, RoHS.

**ST-WIFI**



Bracket for mounting antennas WI-FI wall or pole (diam max 60 mm). Model to be specified when ordering.

## WIFI TRANSMISSION

# TRANSMISSION PRODUCTS

PHASING OUT

PHASING OUT

PHASING OUT

**TTP111VK**



KIT Trasmmitter + Receiver video passive up to 400 m with UTP CAT5 cable, no power supply required. Supplied with BNC female connector cable, L=25 cm.

**TTP111VT**

Passive video transmitter up to 400m, with UTP CAT5 cable, no power supply required. Supplied with BNC connector (female connector, directly conected to camera)

**TTP111VL**

Passive video receiver (up to 400m) With UTP CAT5 cable, no power supply needed. Supplied with female BNC cable to connect direcetly to the camera

**PN009**



Rack adapter 19" for attaching up to 9 modules TTA111VHA, TTA111VT, TCD102.

**TTA111HDR**



HD-TVI/HD-CVI/AHD UTP Active Receiver. Work with HD-TVI, AHD, HDCVI UTP active transmitter for longer distance. Support resolution up to 1080p. Video input: 1xBNC. Power supply: 12Vdc, 500mA. Consumption: 220mA (max). Operating temperature: 0-55°C.

**TTA111HDT**



HD-TVI/HD-CVI/AHD UTP Active Transmitter. Able to send HD-TVI signal up to 300m over UTP cable or AHD signal up to 400m over UTP cable or HD-CVI signal up to 500m over UTP cable. Support resolution up to 1080p. Video input: 1xBNC. Power supply: 12Vdc, 500mA. Consumption: 70mA (max). Operating temperature: 0-55°C.

**TPN008**



2U Rack Mounting Panel to fit 8pcs TTA111HDT / TTA111HDR / CD102HD / CA101HD.

## CABLE TRANSMISSION

# TRANSMISSION PRODUCTS



**FVR11**



Video receiver, automatic gain control, 1 fiber, multimode 850nm.

**FVR11M**



AM receiver on one multimode fiber 62.5 / 125 nm 1 Video (1way) 14db, AGC, up to 4 km, 8-15Vdc power @ 60 mA Temperature range extended -40°C/+75°C. Power supply included.

**FVR1031M1**



Digital Video Receiver / Data Transceiver (RS232/422/485-2W & 4W/UTC), 1 Fiber, Multimode, 10 Bit, 1310/1550nm.w

**FVT11M**



Mini-AM transmitter on one multimode fiber 62/125nm, 1 video, 14db, up to 4km. Power 8-15Vdc @60mA. Extended temperature range: -40°C to +75°C. Power supply included.

**FVT1031M1**

Digital Video Transmitter / Data Transceiver (RS232/422/485-2W & 4W/UTC), 1 Fiber, Multimode, 10 Bit, 1310/1550nm.

## FIBER OPTIC TRANSMISSION

# TRANSMISSION PRODUCTS



**CLFE1EOU**



Single Channel Ethernet over Coax with IEEE 802.3af 15.4W Pass-Through PoE, 10/100Mbps or 12Vdc/24vac powered, Industrial, Local/ Remote Configurable, Mini.

**CLFE1EOC**



AM receiver on one multimode fiber 62.5 / 125 nm 1 Video (1way) 14db, AGC, up to 4 km, 8-15Vdc power @ 60 mA Temperature range extended -40°C/+75°C. Power supply included.

**CLRFE1EOCE/M**



Single Channel Ethernet over Coax, No Pass-Through PoE, 10/100Mbps, Industrial, Remote Only, 12VDC or 24Vac Powered, Ultra Mini.

**CLRFE1EOCP/M**

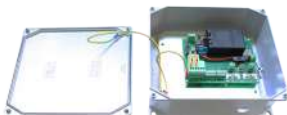
Miniature CopperLine Single Channel Ethernet over COAX PoE Powered.

## ETHERNET NETWORK TRANSMISSION

<b>WGS-5225-8P2S</b>		IP30, IPv6/IPv4, L2+ 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Wall-mount Managed Switch (-40~75 degrees C, dual power input on 48-56VDC terminal block and power jack, ERPS Ring, 1588, Modbus TCP, ONVIF, SNMPv3, 802.1Q VLAN, IGMP Snooping, SSL, SSH, ACL).
<b>FGSD-1022VHP</b>		8-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/SFP combo Desktop Switch with LCD PoE Monitor (120W).
<b>GS-5220-16UP4S2X</b>		L3 16-Port 10/100/1000T 75W Ultra PoE + 4-Port 100/1000X SFP + 2-Port 10G SFP+ Managed Switch (400W PoE Budget, ERPS Ring, ONVIF, Cybersecurity features, Hardware Layer3 OSPFv2 and IPv4/IPv6 Static Routing).
<b>GS-5220-24PL4XR</b>		L2+/L4 24-Port 10/100/1000T 802.3at PoE with 4 shared SFP + 4-Port 10G SFP+ Managed Switch, with Hardware Layer3 IPv4/IPv6 Static Routing, W/ 48V Redundant Power (600W PoE Budget, ONVIF).
<b>GS-5220-24UPL4X</b>		L3 24-Port 10/100/1000T 75W Ultra PoE with 4 shared SFP + 4-Port 10G SFP+ Managed Switch (600W PoE Budget, ERPS Ring, ONVIF, Cybersecurity features, Hardware Layer3 OSPFv2 and IPv4/IPv6 Static Routing).
<b>GS-5220-48P4X</b>		L3 48-Port 10/100/1000T 802.3at PoE + 4-Port 10G SFP+ Managed Switch(400W PoE Budget, ONVIF, ERPS Ring, Cybersecurity features Hardware Layer 3, OSPFv2 and IPv4/IPv6 Static Routing).
<b>GS-5220-8UP2T2X</b>		L2+/L4 8-Port 10/100/1000T 75W 802.3at PoE + 2-Port 10/100/1000T + 2-Port 10G SFP+ Managed Switch (240W PoE Budget, ERPS Ring, ONVIF, Cybersecurity features, Hardware Layer3 OSPFv2 and IPv4/IPv6 Static Routing).
<b>GSD-1008HP</b>		8-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T Desktop Switch (120W PoE Budget, Standard/VLAN/Extend mode, 10-inch and rack-mountable).
<b>GSD-1020S</b>		IPv6 Managed 8-Port 10/100/1000Mbps + 2-Port 100/1000X SFP Gigabit Ethernet Switch (Internal Power Supply).
<b>GSW-1600HP</b>		19" 16-Port 10/100/1000 unmanaged Gigabit Ethernet 802.3at POE+ Switch (220W).
<b>GSW-2620HP</b>		19" 24-Port 10/100/1000T 802.3at POE + 2-Port 1000X SFP Unmanaged Gigabit Ethernet Switch(220W).
<b>GSW-2620VHP</b>		24-Port 10/100/1000T 802.3at PoE + 2-Port 1000SX SFP Desktop Switch with LCD PoE Monitor (300W PoE Budget, Standard/VLAN/Extend mode).
<b>I FT-805AT</b>		IP30 Slim type Industrial Fast Ethernet Media Converter SFP (-40 to 75 degree C).
<b>IGT-1205AT</b>		IP30 Industrial 10/100/1000T to 2-Port 100/1000X SFP Gigabit Media Converter (-40 to 75 degree C).
<b>IGT-805AT</b>		IP30 Industrial 10/100/1000T to 100/1000X SFP Gigabit Media Converter (-40 to 75 degree C).
<b>ISW-500T</b>		IP30 Compact size 5-Port 10/100TX Fast Ethernet Switch (-40~75 degrees C).
<b>ISW-504PT</b>		IP30 5-Port 10/100TX (1 Port PoE 802.3af) Industrial Fast Ethernet Switch (-40 to 75 C), In 24/48VDC, Out per port PoE 48VDC.
<b>ISW-514PTF</b>		IP30 4-Port/TP + 1-Port Fiber(SFP) POE Industrial Fast Ethernet Switch (-40 to 75 C), Input 24/48VDC, Out per port PoE 48VDC.
<b>LRP-101CH</b>		1-Port Long Reach POE over Coax Injector, -20 to 70 Degree C, up to 1Km.
<b>LRP-101C-KIT</b>		1-Port Long Reach POE over Coax Extender Kit (LRP-101CH+LRP-101CE), -20 to 70 Degree C, up to 1Km.
<b>LRP-101U-KIT</b>		1-Port Long Reach POE over UTP Extender Kit (LRP-101UH+LRP-101UE), -20 to 70 Degree C, up to 500 meter.

<b>IGS-10020MT</b>		IP30 Industrial L2+/L4 8-Port 1000T + 2-Port 100/1000X SFP Full Managed Switch (-40 to 75 C, dual redundant power input on 12~48VDC terminal block, ERPS Ring, 1588, Modbus TCP, Cybersecurity features, IPv4/IPV6 Static Routing).
<b>IGS-10020PT</b>		IP30 L2+ SNMP Manageable 8-Port Gigabit POE(At/Af) Switch + 2-Port Gigabit SFP Industrial Switch (-40 to 75 C), ERPS Ring Supported, 1588, ModBus TCP, ONVIF, Cybersecurity features.
<b>IGS-20040MT</b>		IP30 Industrial 16 10/100/1000TP + 4 100/1000F SFP Full Managed Ethernet Switch (-40 to 75 C, 2*DI, 2*DO), ERPS, 1588.
<b>IGS-20160HPT</b>		IP30 Industrial L2+/L4 16-Port 1000T 802.3at PoE+ 2-Port 1000T + 2-port 100/1000X SFP Full Managed Switch (-40 to 75 C, dual redundant power input on 48~56VDC terminal block, DIDO, ERPS Ring Supported, 1588), ModBus TCP, Cybersecurity features.
<b>IGS-5225-16T4S</b>		IP30 19" Rack Mountable Industrial L2+/L4 Managed Ethernet Switch, 16*1000T + 4*100/1000X SFP (-40 - 75 C, AC Power 30W Includo+ 2 DC, DIDO Optional), ERPS Ring Supported, 1588, ModBus TCP.
<b>IGS-5225-20T4C2X</b>		IP30 19" Rack Mountable Industrial L2+/L4 Managed Ethernet Switch, 24*1000T with 4 shared 100/1000X SFP + 2*10G SFP+ (-40 to 75 C, AC Power 100W Includo + 2 DC, DIDO Optional), ERPS Ring Supported, 1588, ModBus TCP.
<b>IGS-5225-24P4S</b>		IP30 19" Rack Mountable Industrial L2+/L4 Managed Ethernet Switch, 24*1000T 802.3at PoE with 4 shared 100/1000X SFP (-40 - 75 C, 2 DC, DIDO, ERPS Ring, 1588), ModBus TCP.
<b>IGS-5225-4P2S</b>		IP40 Industrial L2+/L4 4-Port 1000T 802.3at PoE + 2-Port 100/1000X SFP Full Managed Switch (-40 to 75 C, dual redundant power input on 48~56VDC terminal block, ERPS Ring, 1588, Modbus TCP, ONVIF, Cybersecurity features).
<b>IGS-5225-4T2S</b>		IP30 Industrial L2+/L4 4-Port 10/100/1000T + 2-port 100/1000X SFP Full Managed Switch (-40 to 75 C, dual redundant power input on 12~48VDC terminal block, ERPS Ring Supported, 1588), ModBus TCP, IPv4/IPV6 Static Routing).
<b>IGS-5225-8P2S2X</b>		IP30 Industrial L3, 8-Port 1000T 802.3at PoE+ 2x100/1000X SFP + 2x10G SFP+ Full Managed Switch (-40 to 75 C, dual power 48~56VDC, DIDO, ERPS Ring, 1588, Modbus TCP, Cybersecurity, Hardware Layer3 OSPFv2, IPv4/IPV6 Static Routing).
<b>IGS-5225-8P4S</b>		IP30 Industrial L2+/L4 8-Port 10/100/1000T 802.3at PoE+ 4-port 100/1000X SFP Full Managed Switch (-40 to 75 C, dual redundant power input on 48~56VDC terminal block, DIDO, ERPS Ring Supported, 1588), ModBus TCP, Cybersecurity features).
<b>IGS-620TF</b>		IP30 Industrial 4-Port 10/100/1000T + 2-Port 100/1000X SFP Gigabit Switch (-40 to 75 degree C).
<b>IGS-624HPT</b>		IP30, Unmanaged, 6-Port Gigabit Switch with 4-Port 802.3AT POE+ plus 2-port 100/1000X SFP (-40 to 75 C).
<b>IGS-801T</b>		IP30 Slim type 8-Port Industrial Gigabit Ethernet Switch (-40 to 75 degree C).
<b>MGSD-10080F</b>		13" 8-Port 100/1000Base-X SFP + 2x 10/100/1000Base-T L2/L4 Managed Ethernet Switch (AC+2 DC, DIDO), ERPS Ring.
<b>MGSW-28240F</b>		L3 24-Port 100/1000BASE-X SFP plus, 4-Port 10G SFP+ Managed Metro Ethernet Switch (AC+DC Power Redundant, 2xDI, 2xDO, Cybersecurity features, Hardware Layer3 OSPFv2 and IPv4/IPV6 Static Routing), ERPS Ring Supported.
<b>MTB-LR</b>		10G SFP+ Fiber Transceiver (Single-Mode).
<b>MTB-SR</b>		10G SFP+ Fiber Transceiver (Multi-Mode).
<b>MGB-GT</b>		SFP-Port Module 1000BASE-. Connector interface copper.
<b>MGB-TLX</b>		SFP-Port 1000BASE-LX Mini GBIC LX Module (Single-Mode) for distance up to 10Km LC connector. -40°/+75°C.
<b>MFB-FX</b>		Multi-mode 100Mbps SFP fiber transceiver (2Km)
<b>MGB-SX2</b>		Mini GBIC SX Module 1000Mbps Gigabit Ethernet SFP Fiber Transceivers. LC connector interface Multi Mode - up to 2Km.

**JBX1105**



Junction box and power supply 96-264Vac 50/60Hz, 12Vdc@1.5A. Complete with selectable terminal for power input, RJ45 jack for Ethernet signal. Equipped with surge protection network and short circuits. IP66 die-cast aluminum housing suitable for industrial use. Dimensions: 253x217x93mm. Cable entry/output at customer charge.

**JBX1205**



Junction box and power supply 96-264Vac 50/60Hz, 12Vdc@3A. Complete with selectable terminal for power input, RJ45 jack for Ethernet signal. Equipped with protection for short circuits. IP66 die-cast aluminum housing suitable for industrial use. Dimensions: 253x217x93mm. Cable entry/output at customer charge.

**JBX2805**



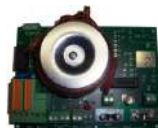
Junction box and power supply 230Vac-24Vac@100VA for PTZ/SpeedDome IP. Complete with selectable terminal for power input. RJ45 jack for Ethernet signal. Full toroidal transformer low-emissivity electromagnetic isolation. IP66 die-cast aluminum housing suitable for industrial use. Dimensions: 253x217x93mm. Cable entry/output at customer charge.

**ARMIN1113**

**ARMED1B13**

**ARMAX1B23**

**PSB01**



Metal cabinet IP65 for junction and power supply 96-264Vac 50/60Hz, 12Vdc@1.5A. Complete with selectable terminal for power input. Ethernet RJ45 signal socket, patch box for fiber optic termination complete with q.ty 2 ST or SC single mode or multimode type connector (to be specified in phase of order). Expandable up to 6. Equipped with surge protection network and short circuits. Metal painted sheet case in RAL7035, complete with wall mounting accessories. Dimensions: approx 400x300x150mm. Cable entry/output at customer charge.

Metal cabinet IP65 for junction and power supply 96-264Vac 50/60Hz, 48Vdc@7A. Complete with selectable terminal for power input. Ethernet RJ45 signal socket, patch box for fiber optic termination complete with q.ty 2 ST or SC single mode or multimode type connector (to be specified in phase of order). Expandable up to 6. Equipped with surge protection network and short circuits. Metal painted sheet case in RAL7035, complete with wall mounting accessories. Dimension: 500x400x200mm. Cable entry/output at customer charge.

Metal cabinet IP65 for junction and power supply 96-264Vac 50/60Hz, 48Vdc@7A. Complete with selectable terminal for power input. Ethernet RJ45 signal socket, patch box for fiber optic termination complete with q.ty 2 ST or SC single mode or multimode type connector (to be specified in phase of order). Expandable up to 6. Equipped with surge protection network and short circuits. IP66 thermoplastic case, complete with wall mounting accessories. Dimension: 700x500x200mm. Cable entry/output at customer charge.

Video interface and supply (230vac- 24vac), PCB. Complete with adaptable connector for supply input, connector for local 230Vac, connector for 24Vac supply to camera, connector "ELPRO" for video input and output, "video out" BNC connector for maintenance, back up connector for RS485. The unit comes complete of low e.m.e. isolating toroidal transformer (230Vac- 24Vac, 30VA). Visual indication of supply present. Protection against overvoltage and short circuit. Dimensions: 150mmx110mm.

**JBXKIT03B0**

**JBXKIT33B0**

**JBXKIT15E0**

**JBXKIT63C0**



Interconnection kit for electrical signal between IP fixed camera and junction box. Protected inside a flexible galvanized steel wire braided. Length = 1,5m. INCLUDES ASSEMBLY AND CASE WIRING.

Interconnection kit for electrical signal between analog fixed camera and junction box. Protected inside galvanized steel wired braided. Length = 1,5m. INCLUDES ASSEMBLY AND WIRING WITH HOUSING AND JBX.

Interconnection kit for electrical signal between IP PTZ and junction box. Protected inside armed sheath covered in PVC. Length = 5m. INCLUDES ASSEMBLY AND WIRING WITH HOUSING AND JBX.

Interconnection kit L=2,5m between junction box / telemetry receiver / PTZ / camera housing, including power supply cable, data cable, coaxial and I/O cables if required. Protected inside a flexible galvanized steel wire braided. The price includes camera and telemetry receiver wiring.





# ACCESSORIES

Below is the configuration table of accessories for junction boxes & kits:

JBX Product code configuration table

	<b>J</b>	<b>B</b>	<b>X</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
				Voltage IN	Voltage OUT	Material	Signal interface
				0 = Ø	0 = Voltage IN	0 = Alluminium (IP66)	0 = COAX / COAX
				1 = 96-264 Vac	1 = 12Vdc 1.5A	1 = Painted metal (IP65)	1 = COAX / RJ45
				2 = 230 Vac	2 = 12Vdc 3A	2 = Thermoplastic (IP66)	2 = COAX / FO
				3 = 12 Vdc	3 = 12Vdc 6A	3 = GRP (IP66)	3 = RJ45 / FO
				5 = 24 Vdc	5 = 24Vdc 1.5A	4 = Polycarbonate (IP65)	4 = RJ45+COAX / RJ45
				A = 48 Vdc	6 = 24Vdc 5A	5 = SS316 (IP66)	5 = RJ45 / RJ45
				B = 120 Vac	7 = 24Vac 30VA	6 = Thermoplastic (for indoor)	6 = COAX+RS485 / COAX+RS485
				C = 240 Vac	8 = 24Vac 100VA	8 = SS316 EEX E	7 = RS485 / RS485
				D = PoE	A = 48Vdc 3.75A	9 = GRP EEX E	8 = COAX+4-20mA / COAX+4-20mA
				E = PoE+	B = 48Vdc 7A	A = Alluminium - ATEXIIB	A = audio signal
					D = PoE	B = Alluminium - ATEXIIC	T = RJ11 / RJ45
					E = PoE+	C = SS316 - ATEXIIB	Z = Terminal block
						D = SS316 - ATEXIIC	X = to be specified

CONFIGURATION TABLE JUNCTION BOX PRODUCT CODE

# ACCESSORIES



**ALI.SW.12V1A**



Switching Power Supply 12V 1A 100-240Vac 50/60 Hz. Compact size with separate plug cable network.

**ALI.SW.12V5A**



Switching Power Supply 12V 5A 100-240Vac 50/60 Hz. Dimensions: 58x36x142 mm + cable.

**LALISW12152**

**TALIM123A**

Switching Power Supply Vin 12V 1.5A AC100-240V 50/60Hz RoHS.

Switching power supply vout adjustable from 10,5-14 Vdc, 5 Vdc 3A.

**ALI-POE G30W**



POE-INJECTOR IEEE 802.3at 30W; 1X10/100/1000-Base-TX port. Power over Ethernet: 48 Vdc. Dimension (LxPxA): 53x95x25 mm; Separate power supply 100-240Vac 50/60 Hz included.

**FLEX6012A**

Switching power supply Vout 12Vdc 3A, Vin 115-230Vac 50/60Hz. RoHS. Connections screw terminal and DIN rail mounting.

**FLEX6024A**

Switching power supply Vout 24Vdc 2.5A, Vin 115-230Vaz 50/60Hz. RoHS. Connections screw terminal and DIN rail mounting.

**FLEX17024A**



Switching Power Supply Vout 24Vdc 5A, Vin 115-230Vac 50/60Hz. Connections screw terminal and DIN rail mounting.

**FLEX17048A**



Power supply switching Vout 24Vdc 5A, Vin 115-230Vac 50/60Hz. Connections screw terminal and DIN rail mounting.

**FLEX28048A**

Switching Power supply Output: 48Vdc 7,5 A Input: 115 - 230 Vac.

**FLEX50048A**

Switching power supply Vout 48Vdc 12A, Vin 115-230Vac 50/60Hz. Screw terminal blocks and DIN rail mounting.

**POWER ACCESSORIES**