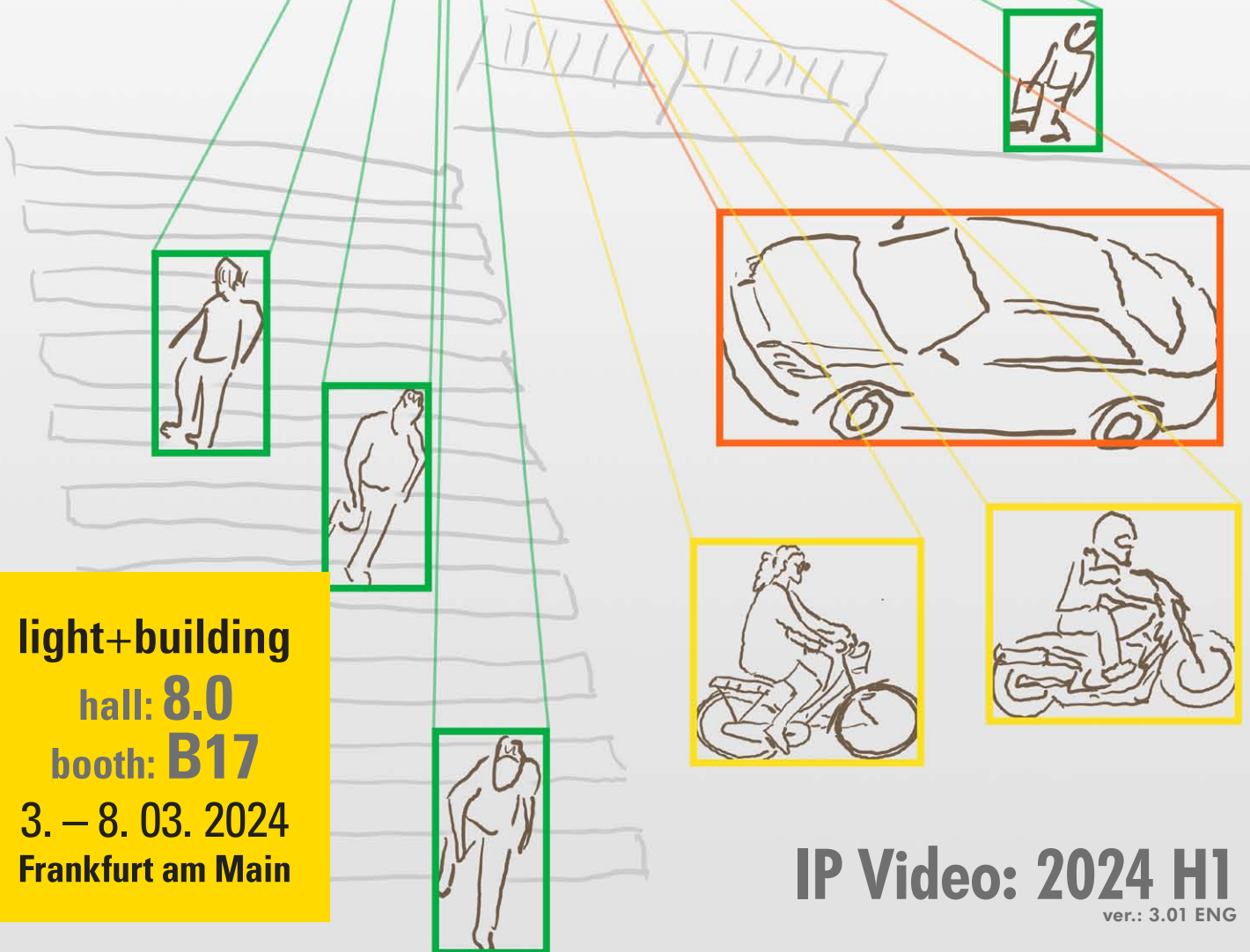


Videosec®



light+building
hall: **8.0**
booth: **B17**
3. – 8. 03. 2024
Frankfurt am Main

IP Video: 2024 H1
ver.: 3.01 ENG

About Us...

Videosec and LEDsec are the Hungarian regional brands of Euro Tech Corporation Kft., with a unique offer on the regional market, continuous stock, state-of-the-art technological solutions, direct product support - with more and more satisfied installer and distributor partners, awaits you to join our circle of clients.

Videosec portfolio consists of video surveillance camera and recording solutions with smart video analytics, smart building systems with LED lighting solutions and control with innovative relays and kinetic switches that are powered by the kinetic energy of the pushing of a button.

This catalogue presents our CCTV surveillance products. Analogue hybrid solutions, broad range of IP cameras that all include some level of IQ analytics (recognizing human presence), recording NVRs, access control and networking hardware.

Hybrid-light cameras can illuminate the scene in the dark with both infrared (black and white image) and high-power warm white LED diodes (full-color image). The cameras can also switch between the two lights automatically, based on human presence.






With the appropriate actuators, using the intelligence included in our CCTV cameras, you gain advanced control over lighting or other smart building controls that depend on human presence. The success of our installer and reseller partners also means success of us, thank you for choosing Videosec products every day!

the Euro Tech Corporation Kft. Team

Control the Lighting with Camera IQ Analytics







			
model name	XVR-301-04Q+2	XVR-301-08Q+4	XVR-302-16Q+8
description	4x analogue + 2x IP XVR, AHD, TVI, CVI, CVBS	8x analogue + 4x IP XVR, AHD, TVI, CVI, CVBS	16x coax + 8x IP XVR, AHD, TVI, CVI, CVBS
incoming analogue AHD TVI CVI resolution (signal source)	8MP@15fps, 5MP@20fps, 4MP@25fps, 1080p@25fps, 720p@25fps, CVBS	8MP@15fps, 5MP@20fps, 4MP@25fps, 1080p@25fps, 720p@25fps, CVBS	8MP@15fps, 5MP@20fps, 4MP@25fps, 1080p@25fps, 720p@25fps, CVBS
selectable input channels layouts	4x coax + 2x IP, every coax channel switchable to IP 3+3 IP, ... 0+6 IP	8x coax + 4x IP, every coax channel switchable to IP 7+5 IP, ... 0+12 IP	16x coax + 8x IP, every coax channel switchable to IP 15+9 IP, ... 0+24 IP
incoming IP bandwidth	40 Mbps, 48Mbps@6x IP	40 Mbps, 56Mbps@12x IP	80Mbps, 112Mbps@24x IP
outgoing bandwidth	48 Mbps	64 Mbps	160 Mbps
two way audio in/out	1x RCA / 1x RCA	1x RCA / 1x RCA	1x RCA / 1x RCA
audio recording	over coax, in TVI mode, in IP stream	over coax, in TVI mode, in IP stream	over coax, in TVI mode, in IP stream
display outputs HDMI, VGA	1x HDMI 4K@30Hz 1x 1080P@60Hz	1x HDMI 4K@30Hz 1x 1080P@60Hz	1x HDMI 4K@30Hz 1x 1080P@60Hz
maximum recording resolutions	IP max 4M@30fps/cs coax: 8MP@lite 8fps, 5MP@6fps/lite 12fps, 4MP@lite 15fps, 1080p@15fps max 720p@25fps max	IP max 4K/8M@30fps/cs coax: 8MP@lite 8fps, 5MP@6fps/lite 12fps, 4MP@lite 15fps, 1080p@15fps max 720p@25fps max	IP max 4K/8M@30fps/cs coax: 8MP@lite 8fps, 5MP@6fps/lite, 4MP@lite 15fps, 1080p@15fps max 720p@25fps max
supported ONVIF profiles	S, G, T profiles	S, G, T profiles	S, G, T profiles
decoding capacity (live/playback channels simultaneously)	4MP@30fps max (1x 4MP, 2x 1080p, 4x D1)	8MP@30fps max (1x 8MP, 2x 4MP, 4x 1080p, 8x D1)	8MP@30fps max (1x 8MP, 2x 4MP, 4x 1080p, 16x D1)
VCA detections and alarms	intrusion detection, crossing line, audio event	intrusion detection, crossing line, audio event	intrusion detection, crossing line, audio event
HDD, eSATA, RAID	1 SATA, max 8TB (depends on HDD cooling)	1 SATA, max 8TB (depends on HDD cooling)	2 SATA, max 8TB (depends on HDD cooling)
LAN connection	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
USB ports, serial ports	2 x USB2.0 1x RS485	2 x USB2.0 1x RS485	1x USB3 1x USB2.0 1x RS485
alarm inputs/outputs	4x signal input (3V DC) 1x relay output (NO)	4x signal input (3V DC) 1x relay output (NO)	4x signal input (3V DC) 1x relay output (NO)
power supply	12V DC, 2A	12V DC, 2A	12V DC, 3.3A
power consumption	≤10W (w/o HDD)	≤10W (w/o HDD)	≤12W (w/o HDD)
ambient temperature	-10°C ~ 55°C	-10°C ~ 55°C	-10°C ~ 55°C
dimensions	260 x 226 x 47mm	260 x 226 x 47mm	380 x 326 x 53mm
weight (w/o HDD)	≤1.1kg	≤1.1kg	≤2kg

					model name
XB-200IR-28F	XB-200IRS-28F	XD-200IRS-28F	XB-500WL-28F	XD-500WL-28F	description
TVI, AHD, CVI, CVBS 2MP bullet camera with infrared night light	TVI, AHD, CVI, CVBS Starlight 2MP bullet camera with infrared night light built-in microphone (TVI, CVI)	TVI, AHD, CVI, CVBS Starlight 2MP dome camera with infrared night light built-in microphone (TVI, CVI)	TVI, AHD, CVI, CVBS 5MP bullet camera with white night light	TVI, AHD, CVI, CVBS 5MP dome camera with white night light built-in microphone (TVI, CVI)	audio source
-	-	-	-	-	sensor
1/3" 2MP FullHD 25fps	1/2.9" 2MP FullHD 25fps	1/2.9" 2MP FullHD 25fps	1/2.7" 5MP 25fps	1/2.7" 5MP 25fps	max. frame rate
2.8mm f/2, 108° fixed lens	2.8mm f/1.6, 101.5° fixed lens	2.8mm f/1.6, 101.5° fixed lens	2.8mm f/2, 108° fixed lens	2.8mm f/1.6, 111.5° fixed lens	lens
0.01 lux @color	0.005 lux @color	0.005 lux @color	0.01 lux @color	0.005 lux @color	min. illumination
IR, 850nm 20m max	IR, 850nm 40m max	IR, 850nm 40m max	white LED 20m max	white LED 40m max	0 lux light source, light range
dWDR	dWDR	dWDR	dWDR	dWDR	dynamic range
TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	TVI, AHD, CVI, CVBS	video signal type
2MP 1920x1080 D1 (CVBS)	2MP 1920x1080 D1 (CVBS)	2MP 1920x1080 D1 (CVBS)	5MP (25/20/12.5fps) 4MP (25fps) 2MP (25fps), D1 (CVBS)	5MP (25/20/12.5fps) 4MP (25fps) 2MP (25fps), D1 (CVBS)	video resolutions
only from OSD menu	only from OSD menu	only from OSD menu	only from OSD menu	csak OSD menüből	video mode select
IP67	IP67	IP67	IP67	IP67	ingress protection
DC 12V±25%, 2.5W max	DC 12V±25%, 3.2W max	DC 12V±25%, 3.2W max	DC 12V±25%, 2.5W max	DC 12V±25%, 2.5W max	power source, max consumption (W)
4kV	4kV	4kV	4kV	4kV	overvoltage protection
0.135kg	0.27kg	0.34kg	0.14kg	0.36kg	weight
142 x 63 x 65 mm	157 x 66 x 66 mm	Ø 111 x 98mm	142 x 63 x 65 mm	Ø 111 x 96mm	dimensions
TR-JB05-A-IN	TR-JB05-A-IN	TR-JB03-G-IN	TR-JB05-A-IN	TR-JB03-G-IN	junction boxes, wall/pole mount



model name	XDT-8000
description	8M/4K pentabrid video baloon AHD/CVI/TVI/960H/D1
max. frequency	71MHz, 4K/8MP @ 30fps!
signal distance	over UTP Cat5e / Cat6 cable 1080p/300m, 4M/200m
cable-impedances	coax-75Ω/m, UTP-100Ω/m
high freq.noise suppr.	> 60dB
surge protection	4kV
cable connection	compressing quick connectors two or more balloons can be binded together
mechanical positioning	
package content	blister, 1 pair
dimensions	(LxWxH): 53x20x17 mm/70 g



model name	 IPW-2122LA-28F	 IPD-3612LA-28F	 IPH-ATM200-37F	 IPW-2122W-28	 IPW-2124LSA-28F	 IPD-3614LSA-28F	 IPD-324LS-28F	 IPW-2324LSA-28Z	 IPD-3534LSA-28Z	 IPW-2128LSA-28F	 IPD-328LSA-28F
description	PoE FullHD IP bullet camera	PoE FullHD IP dome camera	Starlight 60fps WDR FullHD ONVIF pinhole ATM kamera	WiFi (b/g/n) IP bullet camera -75dBm @54Mbps	Starlight PoE IP 4MP bullet camera	Starlight PoE IP 4MP dome camera	Starlight PoE IP 4MP IK10 dome camera	Starlight PoE IP 4MP motorised bullet camera	Starlight PoE IP 4MP motorised dome camera	Starlight PoE IP 4K/8MP bullet camera	Starlight PoE IP 4K/8MP dome camera
sensor	1/2.7" 2MP FullHD	1/2.7" 2MP FullHD	1/2.8" 2MP FullHD	1/2.9" 2MP FullHD	1/3" 4MP 2688x1520	1/3" 4MP 2688x1520	1/3" 4MP 2688x1520	1/3" 4MP 2688x1520	1/3" 4MP 2688x1520	1/2.7" 8MP 3840x2160	1/2.7" 8MP 3840x2160
max. frame rate	30fps / 25fps	30fps / 25fps	60fps/50fps (WDR kikapcs.)	30fps / 25fps	25fps / 20fps	25fps / 20fps	25fps / 20fps	25fps / 20fps	25fps / 20fps	20fps (30fps@5MP)	20fps (30fps@5MP)
lens	2.8mm f/2, 108° fixed lens	2.8mm f/2, 108° fixed lens	3.7mm f/2, 84° fixed lens	2.8mm f/2.1, 101.1° fixed lens	2.8mm f/1.6, 101.1° fixed lens	2.8mm f/1.6, 105.3° fixed lens	2.8mm f/1.6, 101.1° fixed lens	2.8mm-12mm f/1.6, 103°-31° motorised, AF lens	2.8mm-12mm f/1.6, 103°-31° motorised, AF lens	2.8mm f/1.6, 91° fixed lens	2.8mm f/1.6 91° fixed lens
min. illumination	0.01 lux @color	0.01 lux @color	0.001 lux @color	0.01 lux @color	0.003 lux @color	0.003 lux @color	0.003 lux @color	0.003 lux @color	0.003 lux @color	0.005 lux @color	0.005 lux @color
0 lux light source, light range	IR, 850nm 30m max	IR, 850nm 30m max	nincs (0.0001 lux @BW)	IR, 850nm 30m max	IR 850nm 50m max	IR 850nm 30m max	IR 850nm 30m max	IR 850nm 50m max	IR 850nm 50m max	IR 850nm 50m max	IR 850nm 30m max
dynamic range	120 dB real WDR	120 dB real WDR	120dB	dWDR	120 dB real WDR	120 dB real WDR	120 dB real WDR	120 dB real WDR	120 dB real WDR	120 dB real WDR	120 dB real WDR
video compression	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)
video streams	1. 2MP 1920x1080 2. 720p max.	1. 2MP 1920x1080 2. 720p max.	1. 2MP 1920x1080 2., 3. D1/4CIF 704x576	1. 2MP 1920x1080 2. 720p max	1. 4M (2688x1520) 2. 720p max	1. 4M (2688x1520) 2. 720p max	1. 4M (2688x1520) 2. 720p max	1. 4M (2688x1520) 2. 720p max	1. 4M (2688x1520) 2. 720p max	1. 8M/4K (3840x2160) 2. 1080p max	1. 8M/4K (3840x2160) 2. 1080p max
9:16 corridor mode	±90°	±90°	-	-	±90°	±90°	±90°	±90°	±90°	±90°	±90°
OSD / privacy mask	4 / 4	4 / 4	8 / 4	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4	4 / 4
audio source	built-in microphone	built-in microphone	jack 3.5mm	built-in microphone	built-in microphone	built-in microphone	-	built-in microphone	built-in microphone	built-in microphone	built-in microphone
audio output	-	-	jack 3.5mm	-	-	-	-	-	-	-	-
VCA, image analytics	4x intrusion detection 4x crossline detection trigger based on human body detection	4x intrusion detection 4x crossline detection trigger based on human body detection	1x intrusion detection (uses alarm IO for ONVIF)	1x human body detection	IQ motion detection 4x intrusion detection 4x crossline detection trigger based on vehicle & human body detection	IQ motion detection 4x intrusion detection 4x crossline detection trigger based on vehicle & human body detection	IQ motion detection 4x intrusion detection 4x crossline detection trigger based on vehicle & human body detection	IQ motion detection 4x intrusion detection 4x crossline detection trigger based on vehicle & human body detection	IQ motion detection 4x intrusion detection 4x crossline detection trigger based on vehicle & human body detection	IQ motion detection 4x intrusion detection 4x crossline detection trigger based on vehicle & human body detection	IQ motion detection 4x intrusion detection 4x crossline detection trigger based on vehicle & human body detection
in-camera storage option	microSD 128GB max	microSD 128GB max	microSD 128GB max	microSD 128GB max	microSD 256GB max	microSD 256GB max	microSD 256GB max	microSD 256GB max	microSD 256GB max	microSD 256GB max	microSD 256GB max
ANR function	records on network disconnect	records on network disconnect	-	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect
reset button	-	-	-	1	-	-	-	1	1	1	1
ingress protection	IP67	IP67	-	IP67	IP67	IP67	IK10 , IP67	IP67	IK10 , IP67	IP67	IP67
vandal resistance	-	-	-	-	-	-	-	-	-	-	IK10
power source, max consumption (W)	PoE (IEEE 802.3af), DC 12V±25%, 7W max	PoE (IEEE 802.3af), DC 12V±25%, 7W max	DC 12V±15%, 6W max	DC 12V±25%, 3.6W max	PoE (IEEE 802.3af), DC 12V±25%, 6W max	PoE (IEEE 802.3af), DC 12V±25%, 6W max	PoE (IEEE 802.3af), DC 12V±25%, 5.5W max	PoE (IEEE 802.3af), DC 12V±25%, 8.5W max	PoE (IEEE 802.3af), DC 12V±25%, 7.5W max	PoE (IEEE 802.3af), DC 12V±25%, 6.5W max	PoE (IEEE 802.3af), DC 12V±25%, 4.5W max
surge protection	4kV	4kV	-	4kV	4kV	2kV	2kV	6kV	6kV	4kV	4kV
weight	0.5kg	0.5kg	0.1kg	0.28kg	0.45kg	0.45kg	0.45kg	0.55kg	0.65kg	0.45kg	0.45kg
dimensions	165 x 63 x 62 mm	Ø 118 x 96 mm	31x 31mm (47x38x34 tartóval)	168 x 88 x 72mm	191 x 73 x 71mm	Ø 111 x 95vmm	Ø 109 x 81vmm	206 x 74 x 74mm	Ø 128 x 100mm	191 x 73 x 71mm	Ø 118 x 96mm
junction boxes, wall/pole mounting	TR-JB05-A-IN	TR-JB03-I-IN	-	TR-JB05-A-IN TR-UP06-B-IN	TR-JB05-B-IN	TR-JB03-G-IN	TR-JB03-G-IN	TR-JB05-B-IN	TR-JB03-H-IN	TR-JB05-B-IN	TR-JB03-G-IN
additional notices	Well balanced image quality with basic IQ analytic alarms, real WDR, built-in microphone and microSD slot, at the best possible price	Well balanced image quality with basic IQ analytic alarms, real WDR, built-in microphone and microSD slot, at the best possible price	Starlight, real WDR, conical pinhole lens, human detection based intrusion detection, alarm I/O , audio I/O	Connects to the set 802.11b/g/n WiFi network, when LAN is disconnected, SSID setup over LAN or with QR code (Guard Station or Guard Live)	IQ-based VCA: vehicles and humans trigger, leaves, animals don't trigger, IQ motion detection	IQ-based VCA: vehicles and humans trigger, leaves, animals don't trigger, IQ motion detection	IQ-based VCA: vehicles and humans trigger, leaves, animals don't trigger, IQ motion detection	IQ-based VCA: vehicles and humans trigger, leaves, animals don't trigger, IQ motion detection	IQ-based VCA: vehicles and humans trigger, leaves, animals don't trigger, IQ motion detection	IQ-based VCA: vehicles and humans trigger, leaves, animals don't trigger, IQ motion detection	IQ-based VCA: vehicles and humans trigger, leaves, animals don't trigger, IQ motion detection

model name	IPW-2122LSA-28WAL	IPD-3612LSA-28WAL	PT-23-40WAL	IPW-2124LSA-28WAL	IPW-2124LSA-40WAL
description	Starlight PoE IP 2MP bullet camera, IR + white LED	Starlight PoE IP 2MP dome camera, IR+white LED	mini Pan-Tilt 3MP IP camera WiFi+LAN, IR + white LED	Starlight PoE IP 4MP bullet camera, IR + white LED	Starlight PoE IP 4MP bullet camera, IR + white LED
sensor	1/2.8" 2MP FullHD	1/2.8" 2MP FullHD	1/2.8" 3MP 2304x1296	1/3" 4MP 2688x1520	1/3" 4MP 2688x1520
max. frame rate	30fps / 25fps	30fps / 25fps	20fps	25fps	25fps
lens	2.8mm f/1.6, 106.7° fixed lens	2.8mm f/1.6, 106.7° fixed lens	4mm f/1.6, 90.5° fixed lens	2.8mm f/1.6, 104° fixed lens	4mm f/1.6, 86.8° fix
min. illumination	0.002 lux @color	0.002 lux @color	0.005 lux @color	0.003 lux @color	0.003 lux @color
0 lux light source, light range	IR 850nm + white LED 30m max / 10-15m	IR 850nm + white LED 30m max / 10-15m	IR 850nm + white LED 30m max / 30m max	IR 850nm + white LED 30m max / 10-15m	IR 850nm + white LED 30m max / 10-15m
dynamic range	120 dB real WDR	120 dB real WDR	dWDR	120 dB real WDR	120 dB real WDR
pan range / speed	-	-	345° / 1°/s - 40°/s	-	-
tilt range / speed	-	-	0° - 90° / 1°/s - 30°/s	-	-
presets / patrols	-	-	256 / 0	-	-
auto tracking	-	-	common autotracking	-	-
video compression	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)
video streams	1. 2MP 1080p 2. 720p max	1. 2MP 1080p 2. 720p max	1. 3MP (2304x1296) 2. 640x360	1. 4MP (2688x1520) 2. 720p max	1. 4MP (2688x1520) 2. 720p max
9:16 corridor mode	±90°	±90°	-	±90°	±90°
OSD / privacy mask	4 / 4	4 / 4	2 / 4	4 / 4	4 / 4
audio source	built-in microphone	built-in microphone	built-in microphone	built-in microphone	built-in microphone
audio output	built-in speaker	built-in speaker	built-in speaker	built-in speaker	built-in speaker
VCA, image analytics	4x intrusion detection 4x crossline detection trigger based on vehicle & human body detection	4x intrusion detection 4x crossline detection trigger based on vehicle & human body detection	4x intrusion detection 4x crossline detection trigger based on human detection 1x human body detection	IQ motion detection 4x intrusion 4x crossline detection trigger based on human body/vehicle detection	IQ motion detection 4x intrusion 4x crossline detection trigger based on human body/vehicle detection
in-camera storage option	microSD 128GB max	microSD 128GB max	microSD 128GB max	microSD 128GB max	microSD 128GB max
ANR function	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect
reset button	-	-	1	-	-
ingress protection	IP67	IP67	IP66	IP67	IP67
vandal resistance	-	-	-	-	-
power source, max consumption (W)	PoE (IEEE 802.3af), DC 12V±25%, 9W max	PoE (IEEE 802.3af), DC 12V±25%, 8W max	DC 12V±25%, 10W max	PoE (IEEE 802.3af), DC 12V±25%, 9W max	PoE (IEEE 802.3af), DC 12V±25%, 9W max
surge protection	4kV	4kV	4kV	4kV	4kV
weight	0.4kg	0.3kg	0.53kg	0.4kg	0.4kg
dimensions	191 x 75 x 74mm	Ø 118 x 95mm	Ø 118 x 199mm	191 x 75 x 74mm	191 x 75 x 74mm
junction boxes, wall/pole mounting	TR-JB05-B-IN	TR-JB03-I-IN	TR-JB05-A-IN	TR-JB05-B-IN	TR-JB05-B-IN
additional notices	Hybrid IR+wLED light White LEDs for colour image in 0-24h 2way audio, IQ-based VCA Available firmware with automatic light switching on human detection (intrusion)	Hybrid IR+wLED light White LEDs for colour image in 0-24h 2way audio, IQ-based VCA Available firmware with automatic light switching on human detection (intrusion)	Hybrid IR+wLED light White LEDs for colour image in 0-24h 2way audio, IQ-based VCA Automatic light switching on human detection (intrusion) WiFi 802.11b/g/n	White LEDs for colour image in 0-24h 2way audio, IQ-based VCA, IQ motion detection Automatic IR to wLED change on IQ alarm (intrusion)	White LEDs for colour image in 0-24h 2way audio, IQ-based VCA, IQ motion detection Automatic IR to wLED change on IQ alarm (intrusion)



Hybrid light cameras



Control the IP camera's light with human body detection



IQ Motion Detection based on human body detection

The Videosec IQ Image Analytics recognises if human or vehicle is present in the image



The *IQ motion detection* is sending all events of recognising a human or a vehicle as motion detection event. This is compatible with any manufacturers' any recording device. Also usable for smart building control.



Hybrid light cameras' light control also works with IQ motion detection



compatible with all ONVIF-compatible recorders as a common motion detection event



this QR code opens a video that shows the setting up of IQ motion detection

4 MP	4 MP	5 MP	5 MP	8 MP	8 MP	model name
IPW-2324IQ-28Z-SWA	IPD-3634IQ-28Z-SWA	IPW-2125IQ-40SWAL	IPD-3615IQ-28SWAL	IPW-2128IQ-28SWAL	IPD-3618IQ-28SWAL	
IQ Super Starlight 4MP bullet cam. white LED+IR,0-24h színes kép	IQ Super Starlight 4MP dome cam. white LED+IR,0-24h színes kép	IQ Starlight PoE IP bullet camera interaktív védelem & white LED	IQ Starlight PoE IP turet/golyó interaktív védelem & white LED	IQ Starlight PoE IP bullet camera interaktív védelemmel & wLED	IQ Starlight PoE IP turet/golyó interaktív védelem & white LED	description
1/1.8" 4MP BSI CMOS	1/1.8" 4MP BSI CMOS	1/2.7" 5MP BSI CMOS	1/2.7" 5MP BSI CMOS	1/2.7" 8MP (4K) BSI CMOS	1/2.8" 8MP (4K) BSI CMOS	sensor
30fps / 25fps	30fps / 25fps	30fps / 25fps	30fps / 25fps	20fps	20fps	max. frame rate
2.8-12mm f/1.2 102.5° - 49.5°	2.8-12mm f/1.2 102.5° - 49.5°	4mm f/1.6, 86.5° fixed lens	2.8mm f/1.6, 112.7° fixed lens	2.8mm f/1.6, 106.7° fixed lens	2.8mm f/1.6, 106.7° fixed lens	lens
0.0005 lux @color	0.0005 lux @color	0.002 lux @color	0.003 lux @color	0.0025 lux @color (0 lux wLED)	0.003 lux @color	min. illumination
IR 850nm + white LED 50m max / 30m max	IR 850nm + white LED 50m max / 30m max	IR 850nm + white LED 30m max / 30m	IR 850nm + white LED 30m max / 30m	IR 850nm + white LED 30m max / 30m	IR 850nm + white LED 30m max / 30m	0 lux light source, light range
120 dB real WDR	120 dB real WDR	120 dB real WDR	120 dB real WDR	120 dB real WDR	120 dB real WDR	dynamic range
H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	video compression
1. 4M (2688x1520) 30fps 2. 720p 1280x720 max 3. D1 720x576 max	1. 4M (2688x1520) 30fps 2. 720p 1280x720 max 3. D1 720x576 max	1. 5MP 2880x1620 @25fps 2. D1 720x576 3. CIF 352x288	1. 5MP 2880x1620 @25fps 2. D1 720x576 3. CIF 352x288	1. 4K 3840x2160 @20fps 2. 1080p max 3. D1 720x576 max	1. 4K 3840x2160 @20fps 2. 1080p max 3. D1 720x576 max	video streams
±90° 8 / 4	±90° 8 / 4	±90° 8 / 4	±90° 8 / 4	±90° 8 / 4	±90° 8 / 4	9:16 corridor m. OSD / privacy m.
built-in microphone + 35kΩ, 2Vpp 600Ω, 2Vpp	built-in microphone	built-in microphone built-in speaker	built-in microphone built-in speaker	built-in microphone built-in speaker	built-in microphone built-in speaker	audio source audio output
IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	VCA, smart intrusion prevention, IQ image analytics
microSD 256GB max	microSD 256GB max	microSD 256GB max	microSD 256GB max	microSD 256GB max	microSD 256GB max	in-camera storage option
records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect	ANR function
1 / 1	1 / 1	-	-	-	-	alarm I/O
IP67	IP67	IP67	IP67	IP67	IP67	ingress protection
IK10	IK10	-	-	-	-	vandal resistance
PoE (IEEE 802.3af), DC 12V±25%, 9W max	PoE (IEEE 802.3af), DC 12V±25%, 9W max	PoE (IEEE 802.3af), DC 12V±25%, 11.5W max	PoE (IEEE 802.3af), DC 12V±25%, 7.5W max	PoE (IEEE 802.3af), DC 12V±25%, 10.5W max	PoE (IEEE 802.3af), DC 12V±25%, 7.5W max	power source, max consumption (W)
4kV	4kV	4kV	4kV	2kV	4kV	surge protection
0.92kg	0.92kg	0.5kg	0.43kg	0.41kg	0.43kg	weight
246 x 86 x 85mm	Ø 129 x 110 mm	191 x 75 x 74mm	Ø 110 x 95mm	191 x 75 x 74mm	Ø 110 x 95mm	dimensions
TR-JB07-D-IN TR-UP06-B-IN	TR-JB03-H-IN TR-WM03-B-IN	TR-JB05-B-IN	TR-JB03-G-IN TR-WM03-D-IN	TR-JB05-B-IN	TR-JB03-G-IN TR-WM03-D-IN	junction boxes, wall/pole mount
IQ-based VCA (human, vehicle), hybrid IR+white LEDs for 0-24h color image (automatic switching) Super Starlight image quality, Alarm I/O, audio I/O, mic. IQ motion detection (ONVIF)	IQ-based VCA (human, vehicle), hybrid IR+white LEDs for 0-24h color image (automatic switching) Super Starlight image quality, Alarm I/O IQ motion detection (ONVIF)	IQ-based VCA (human, vehicle), active deterrence: sound+light alarm linkage, hybrid IR+white LEDs for 0-24h color image (automatic switching) IQ motion detection (ONVIF)	IQ-based VCA (human, vehicle), active deterrence: sound+light alarm linkage, hybrid IR+white LEDs for 0-24h color image (automatic switching) IQ motion detection (ONVIF)	IQ-based VCA (human, vehicle), active deterrence: sound+light alarm linkage, hybrid IR+white LEDs for 0-24h color image (automatic switching) IQ motion detection (ONVIF)	IQ-based VCA (human, vehicle), active deterrence: sound+light alarm linkage, hybrid IR+white LEDs for 0-24h color image (automatic switching) IQ motion detection (ONVIF)	additional notices

Videosec® Super Starlight White Light Cameras












model name	IPW-2314LSA-28SWX	IPD-3624LSA-28SWX	IPW-2225IQ-40SWX	IPW-2228IQ-40/60SWXA
description	IQ Super Starlight 4MP IP bullet 2x white LED, 0-24h color image	IQ Super Starlight 4MP IP bullet 2x white LED, 0-24h color image	IQ Super Starlight 5MP IP bullet 2x white LED, 0-24h color image	IQ Super Starlight 8MP IP bullet 2x white LED, 0-24h color image
sensor	1/1.8" 4MP 2688x1520	1/1.8" 4MP 2688x1520	1/2.7" 5MP BSI CMOS	1/1.8" 8MP BSI CMOS
max. frame rate	25fps	25fps	30fps / 25fps	30fps / 25fps
lens	2.8mm f/1.0, 110.4° fixed lens	2.8mm f/1.0, 110.4° fixed lens	4mm f/1.0, 80.2° fixed lens	4mm f/1.0 94.3° 6mm f/1.0, 57.3° fixed lens
min. illumination	0.0005 lux @color	0.0005 lux @color	0.001 lux @color	0.001 lux @color
0 lux light source, light range	2x warm white LED 50m max	2x warm white LED 30m max	2x warm white LED 30m max	2x warm white LED 30m max
dynamic range	120 dB real WDR	120 dB real WDR	120 dB real WDR	120 dB real WDR
video compression	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)
video streams	1. 4M (2688x1520) 2. 720p max	1. 4M (2688x1520) 2. 720p max	1. 5MP 2880x1620 @25fps 2. 720p 1280x720 max 3. CIF 352x288	1. 8MP(4K) 3480x2160 30fps 2. 1080p 1920x1080 max 3. D1 720x576 max
9:16 corridor m.	±90°	±90°	±90°	±90°
OSD / privacy m.	4 / 4	4 / 4	8 / 4	8 / 4
audio source	built-in microphone	built-in microphone	35kΩ, 2Vpp	beép. mikrofon + 35kΩ, 2Vpp
audio output	-	-	600Ω, 2Vpp	600Ω, 2Vpp
VCA, smart intrusion prevention, IQ image analytics	Basic IQ analytics IQ motion detection, 4x intrusion detection 4x crossline detection based on human body detection	Basic IQ analytics IQ motion detection, 4x intrusion detection 4x crossline detection based on human body detection	IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene
in-camera storage option	microSD 128GB max	microSD 128GB max	microSD 256GB max	microSD 256GB max
ANR function	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect
alarm I/O	-	-	1 / 1	1 / 1
ingress protection	IP67	IP67	IP67	IP67
vandal resistance	-	-	IK10	IK10
power source, max consumption (W)	PoE (IEEE 802.3af), DC 12V±25%, 6W max	PoE (IEEE 802.3af), DC 12V±25%, 6W max	PoE (IEEE 802.3af), DC 12V±25%, 9W max	PoE (IEEE 802.3af), DC 12V±25%, 9W max
surge protection	6kV	2kV	4kV	4kV
weight	0.55kg	0.45kg	0.92kg	0.92kg
dimensions	206 x 73 x 73mm	∅ 118 x 106mm	246 x 86 x 85mm	246 x 86 x 85mm
junction boxes, wall/pole mount	TR-JB05-B-IN	TR-JB03-I-IN	TR-JB07-D-IN TR-UP06-B-IN	TR-JB07-D-IN TR-UP06-B-IN
additional notices	IQ VCA alarms: triggers on human presence, does not trigger on moving leaves or animals	IQ VCA alarms: triggers on human presence, does not trigger on moving leaves or animals	IQ-based VCA, alarm I/O Super Starlight nighttime image, white LEDs for 0-24h color image IQ motion detection (ONVIF)	IQ-based VCA, alarm I/O Super Starlight nighttime image, white LEDs for 0-24h color image IQ motion detection (ONVIF)

Smart IQ Cameras, IR Light Videosec®



model name	IPP-3605IQ-17A	IPD-325IQ-28S	IPW-2325IQ-28SZ	IPW-2328IQ-28SZ	model name
description	IQ PoE IP panorama camera 180° h. angle, dewarp config.	IQ Starlight PoE IP dome w. alarm IN/OUT+audio IN/OUT	IQ Starlight PoE IP bullet w. motorised AF lens	IQ Starlight PoE IP bullet w. motorised AF lens	description
sensor	1/2.7" 5MP BSI CMOS	1/2.7" 5MP BSI CMOS	1/2.7" 5MP BSI CMOS	1/2.8" 8MP BSI CMOS	sensor
max. frame rate	30fps / 25fps	20fps / 25fps / 30fps	30fps / 25fps	20fps (5M@30fps)	max. frame rate
lens	1.68mm f/2.0, 180° fixed lens	2.8mm f/1.6, 97.7° fixed lens	2.7-13.5mm f/1.2 106°-30° motorised autofocus	2.8-12mm f/1.2 106°-30° motorised, AF lens	lens
min. illumination	0.01 lux @color	0.003 lux @color	0.002 lux @color	0.003 lux @color	min. illumination
0 lux light source, light range	IR 850nm 20m max	IR 850nm 30m max	IR, 850nm 50m max	IR, 850nm 50-60m max	0 lux light source, light range
dynamic range	120 dB real WDR	120 dB real WDR	120 dB true WDR	120 dB real WDR	dynamic range
video compression	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	video compression
video streams	1. 5MP 2880x1620 @25fps 2. 1080p 1920x1080 max 3. D1 720x576 max	1. 5MP 2592x1944@20fps, vagy 4MP 2560x1440@30fps 2. 2M 1080p 3. D1 720x576	1. 5MP 2880x1620 @25fps 2. 720p 1280x720 max 3. CIF 352x288	1. 8MP(4K) 3480x2160 20fps 2. 1080p 1920x1080 max 3. D1 720x576 max	video streams
9:16 corridor m.	-	±90°	±90°	±90°	9:16 corridor m.
OSD / privacy m.	8 / 4	8 / 8	8 / 4	8 / 4	OSD / privacy m.
audio source	built-in microphone	35kΩ, 2Vpp	35kΩ, 2Vpp	35kΩ, 2Vpp	audio source
audio output	-	600Ω, 2Vpp	600Ω, 2Vpp	600Ω, 2Vpp	audio output
VCA, smart intrusion prevention, IQ image analytics	IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	4x intrusion detection 4x crossline detection 4x entering/leaving area face capture advanced people counting (based on face tracking, define by line crossing or area crossing)	IQ motion detection, 4x intrusion detection, 4x crossline detection, 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	IQ motion detection, 4x intrusion detection 4x crossline detection 4x entering/leaving area triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene	VCA, smart intrusion prevention, IQ image analytics
in-camera storage option	microSD 256GB max	microSD 256GB max	microSD 256GB max	microSD 256GB max	in-camera storage option
ANR function	records on network disconnect	records on network disconnect	records on network disconnect	records on network disconnect	ANR function
alarm I/O	0 / 0	1 / 1	1 / 1	1 / 1	alarm I/O
ingress protection	IP67	IP67	IP67	IP67	ingress protection
vandal resistance	IK10	IK10	IK10	IK10	vandal resistance
power source, max consumption (W)	PoE (IEEE 802.3af), DC 12V±25%, 4.2W max	PoE (IEEE 802.3af), DC 12V±25%, 4.2W max	PoE (IEEE 802.3af), DC 12V±25%, 8W max	PoE (IEEE 802.3af), DC 12V±25%, 10.5W max	power source, max consumption (W)
surge protection	2kV	2kV	6kV	4kV	surge protection
weight	0.43kg	0.43kg	0.92kg	0.92kg	weight
dimensions	∅ 109 x 81mm	∅ 109 x 81mm	245 x 101 x 78mm	245 x 101 x 78mm	dimensions
junction boxes, wall/pole mount	TR-JB03-G-IN TR-WM03-D-IN	TR-JB03-G-IN TR-WM03-D-IN	TR-JB07-D-IN TR-UP06-B-IN	TR-JB07-D-IN TR-UP06-B-IN	junction boxes, wall/pole mount
additional notices	IQ-alapú VCA: járműre és emberalakra, ultra-széles 180° látószögű objektív, állítható hordótorzítás-korrektúra	fejlett emberzámolás arckép-mentés VCA falszriasztászűrés riasztási ki/bemenet	IQ-based VCA, triggers only on humans&vehicles, alarm I/O, motorised AF lens for easy setup	IQ-based VCA, triggers only on humans&vehicles, alarm I/O, motorised AF lens for easy setup	additional notices

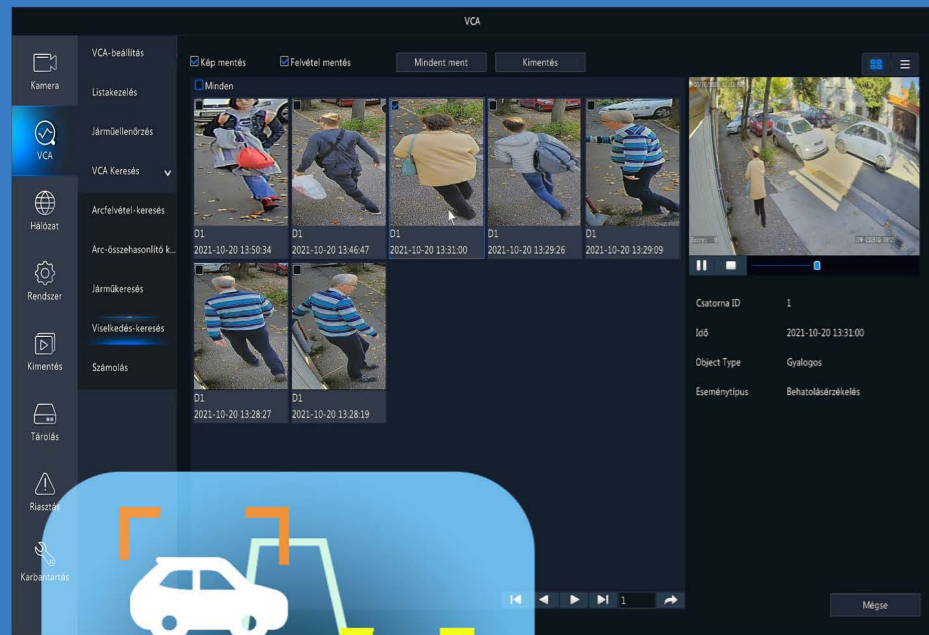
	 	 	 	 	 
model name	PTZ-6751Q-X4SWAL	PTZ-6424IQ-X25S	PTZ-6622IQ-X25-S60	PTZ-6624IQ-X33S	PTZ-6854-X38UP-VL
description	IQ Starlight PoE IP PTZ x4 cam. w. active deterrence & white LED	IQ Starlight PoE IP PTZ x25, 4 Megapixels, vandalproof 6.5"	IQ Starlight PoE IP PTZ x25, 60 fps max	IQ Starlight PoE IP PTZ x33, 4 Megapixels resolution	IQ Super Starlight PoE IP PTZ x38
sensor	1/2.7" 5MP BSI CMOS	1/2.8" 4MP CMOS	1/2.8" 2MP CMOS	1/2.8" 4MP CMOS	1/1.8" 4MP CMOS
max. frame rate	30fps / 25fps	30fps / 25fps	60fps (30fps / 25fps @2/3 str.)	30fps / 25fps	60fps (30fps / 25fps @2/3 str.)
lens	2.8-12mm f/1.6, 104.1°-30.6° 4x zoom motorised AF lens	4.8-120mm f/1.5-3.8, 52.2°-2.74° 25x zoom motorised AF lens	5-125mm f/1.5-4, 54.4°-2.68° 25x zoom motorised AF lens	4.5-148.5mm f/1.5-4.1, 53°-2.1° 33x zoom motorised AF lens	5.7-216.6mm f/1.3-4.6, 58°-2° 38x zoom motorised AF lens
minimal illumination	0.003 lux @color	0.003 lux @color	0.001 lux @color	0.003 lux @color	0.0005 lux @color
0 lux light source, range	IR 50m max + White LED 10m	IR 850nm, 100m max	IR 850nm, 150m max	IR 850nm, 150m max	IR 850nm, 250m max
wide dynamic range	120dB true WDR	120dB true WDR	120dB true WDR	120dB true WDR	120dB true WDR
pan range / speed	345° / 0.1°/s - 50°/s	360° endless / 0.1°/s - 200°/s	360° endless / 0.1°/s - 200°/s	360° endless / 0.1°/s - 200°/s	360° endless / 0.1°/s - 180°/s
tilt range / speed	-10° - 110° / 0.1°/s - 40°/s	-15° - 90° auto flip / 0.1 - 120°/s	-15° - 90° auto flip / 0.1 - 200°/s	-15° - 90° auto flip / 0.1 - 200°/s	-20° - 90° auto flip / 0.1 - 180°/s
presets / patrols	256 / 16 (180s min)	1024 / 32 (15s min)	1024 / 32 (15s min)	1024 / 32 (15s min)	1024 / 32 (15s min)
auto tracking	common object tracking	VCA triggered + common track.	VCA triggered + common track.	VCA triggered + common track.	VCA triggered + common track.
video compression	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)	H.264, H.265 + Smart Encoding, MJPEG (5fps+15fps)
video streams	1. 5MP 2880x1620 max 2. 720p 1280x720 max 3. D1 720x576 max	1. 4MP, 2688x1520 max 2. 1080p, 1920x1080 max 3. D1 720x576 max + BNC (PAL) output	1, 2: 2MP, 1920x1080@60fps 3: D1 720x576@60fps max + BNC (PAL) output	1. 4MP, 2688x1520 max 2. 1080p, 1920x1080 max 3. D1 720x576 max + BNC (PAL) output	1. 4MP, 2688x1520 max @60fps 2. 1080p, 1920x1080 max@60fps 3. D1 720x576 max@60fps
OSD / privacy mask	8 / 8	8 / 24 (4 per preset)	8 / 24 (4 per preset)	8 / 24 (4 per preset)	8 / 24 (4 per preset)
audio source	built-in microphone	35kΩ, 2Vpp	35kΩ, 2Vpp	35kΩ, 2Vpp	35kΩ, 2Vpp
audio output	built-in speaker	600Ω, 2Vpp	600Ω, 2Vpp	600Ω, 2Vpp	600Ω, 2Vpp
VCA, smart intrusion detection, IQ image analytics	4x intrusion detection, 4x crossline detection, 4x entering/leaving area, triggering based selectively on detecting vehicle, bicycle & human presence in the scene, detecting & following over 20 targets in scene, The four zones of an alarm type can trigger to different object types. Active deterrence means, camera can play an .mp3 audio on alarm event (linked with light signalling) to speaker or audio line output.				
in-camera storage option	microSD with ANR function 256GB max	microSD with ANR function 256GB max	microSD with ANR function 256GB max	microSD with ANR function 256GB max	microSD with ANR function 256GB max
alarm I/O, RS485	- / - , -	2 / 1, 1x RS485	2 / 1, 1x RS485	2 / 1, 1x RS485	2 / 1, 1x RS485
ingress protection	IP66	IP67	IP66	IP66	IP66
power source, max consumption (W)	PoE (IEEE 802.3af), DC 12V±25%, 18W max	PoE+ (IEEE 802.3at), DC 12V±25% 3A, 21W max	PoE+ (IEEE 802.3at), AC/DC 24V±25% 1.5A, 25W max	PoE+ (IEEE 802.3at), AC/DC 24V±25% 1.5A, 25W max	PoE++ (IEEE 802.3bt), AC/DC 24V±25% 1.5A, 51W max
surge protection	4kV	6kV	6kV	6kV	6kV
working environment	-20°C – 60°C, ≤95%RH	-40°C – 70°C, ≤95%RH	-40°C – 65°C, ≤95%RH	-40°C – 65°C, ≤95%RH	-40°C – 70°C, ≤95%RH
weight	0.87kg	3.05kg	5.8kg	5.8kg	9.7kg
dimensions	Ø 133 x 274mm	Ø 166 x 295mm	Ø 227 x 385mm	Ø 227 x 385mm	Ø 270 x 497mm
junction boxes, wall/pole mounting	TR-JB07-D-IN TR-UP06-B-IN TR-CM06-D pendent mount	TR-WE45-IN included, TR-JB12-IN, TR-UP08-A-IN, TR-UC08-A-IN, TR-CE45-IN, TR-UF45-A-IN, TR-SE45-A-IN	TR-WE45-IN included, TR-JB12-IN, TR-UP08-A-IN, TR-UC08-A-IN, TR-CE45-IN, TR-UF45-A-IN, TR-SE45-A-IN	TR-WE45-IN included, TR-JB12-IN, TR-UP08-A-IN, TR-UC08-A-IN, TR-CE45-IN, TR-UF45-A-IN, TR-SE45-A-IN	TR-WE45-IN included, TR-JB12-IN, TR-UP08-A-IN, TR-UC08-A-IN, TR-CE45-IN, TR-UF45-A-IN, TR-SE45-A-IN
additional notices	IQ-based VCA, active deterrence: .mp3 sound + red-blue light alarm linkage hybrid IR+white LEDs for 0-24h color image	IQ-based VCA, 3D alarm zone and privacy mask positioning, high-end, high speed PTZ in smallest possible housing	IQ-based VCA with auto object tracking, 3D alarm zone and privacy mask positioning, heating/cooling, active snow removal, PTZ homing, 60 fps high-speed video	IQ-based VCA with auto object tracking, 3D alarm zone and privacy mask positioning, heating/cooling, active snow removal, PTZ home position	IQ-based VCA with auto object tracking for mission critical surveillances, 3D alarm zone and privacy mask positioning, heating/cooling, active snow removal

 	 	 	model name
IPF-868IQ-F18-C	IPW-LPR47-X10SZ	TIC2621SR-F3-4F4AC-VD	
Fisheye PoE IP dome camera w. multiple stream options (panorama, dPTZ, fisheye view)	IQ LPR-reading PoE IP bullet w. motorised AF lens	Dual-spectrum IP thermal camera + 4MP Starlight bullet camera (NVR-C alarm compatibility soon)	description
1/1.7" 12MP CMOS	1/2.8" 2MP CMOS	V ₂ O ₃ bolometer thermal camera 12μm, 256x192px+1/1.8" 4MP	sensor
20 fps (6.5MP: 25fps)	25 fps	30fps / 25 fps	max. frame rate
1.8mm f/2, horizontally 180°, 360° full circle view	4.7-47mm f/1.6 65°-9° motorised autofocus	3.2mm f/1.1 57° (3.75mRad) + 4mm f/1.4 89.9°	lens
0.03 lux	0.04 lux (quick shutter)	0.001 lux color, 0.0005 lux BW	min. illumination
IR, 850nm 15m max	IR, 850nm 50m max (1/500s!)	IR, 850nm 50m max (0.0 lux)	0 lux, light range
dWDR	120 dB	120 dB	wide dynamic range
H.264, H.265 + Smart Encoding, multiple streams w. different cont.	H.264, H.265 + Smart Encoding, JPEG photo upload (ftp)	H.264, H.265 + Smart Encoding, two independent channels	video compression
3 streams, 1..fisheye (4kx3k), panorama dewarp, FullHD dPTZ	1. 2MP 1920x1080 @25fps 2. 720p max, default OFF	1. 1280x720@25fps thermal 2. 4M (2688x1520)@25fps visible light	video streams
2.: 2kx2k fisheye, 3.: D1 fisheye	3. D1 max, default OFF		OSD
8 / 4	distinct video / JPG snapshot OSD	8 OSD	audio source
2x built-in mic, 35kΩ, 2Vpp	35kΩ, 2Vpp	built-in mic, 35kΩ, 2Vpp	audio output
speaker, 600Ω, 2Vpp	600Ω, 2Vpp	speaker, 600Ω, 2Vpp	
crossline detection intrusion detection heat map (traffic) audio event	vehicle detection by zone line crossing, license plate recognition, local list configuration (*.csv), NVR list configuration (16C, 32C, 32IQ, 64IQ) list-based relay command for gate control, remote relay command	Thermal: max 10 fire detection zones, smoking detection w. alarm, temperature min/max alarms up to 12 rules, bellow or above X°C in -20°C - +150°C range, with +/-8°C accuracy. Visible: intrusion/line crossing detection based on human/vehicle object, interactive deterrence with .mp3 voice and red-blue blinking LEDs	VCA, video content analytics
Main stream content is selectable: FullHD virtual dPTZ, dewarped panorama view, native fisheye stream			
microSD 256GB max	microSD 128GB max	microSD 256GB max	in-camera storage option
records on network disconnect	records on network disconnect ftp snapshots & live stream	records on network disconnect	ANR function
2 / 1	2 / 1	2 / 2	alarm I/O
IP67	IP67	IP67	ingress protection
IK10	IK10	IK10	vandal resistance
PoE (IEEE 802.3af), DC 12V±25%, 12W max	PoE (IEEE 802.3at), DC 12V±25%, AC 24V±25% 15W max	PoE (IEEE 802.3af/at), DC 12V±25%, 12W max	power source, max consumption (W)
4kV	4kV	4kV	surge protection
0.53kg	2kg	2kg	weight
Ø 149 x 55mm	386 x 126 x 130mm	354 x 104 x 116mm	dimensions
TR-JB04-C-IN	the junction box is part of the camera base	the junction box is part of the camera base	junction boxes, wall/pole mounting











Video Recording, Object Search

- All NVRs handle 4K (8 Megapixel) resolution IP cameras
- HDMI output up to 4K resolution on all Videosec NVRs
 - ONVIF S, G, and T profile support, recorder access via ONVIF
 - RTSP authenticated access, live stream sending to and receiving from any system
 - IQ analytical alarm management, search by object type
 - Manage two and three independent monitors
 - NVRs connected to two independent subnets
 - PoE NVRs with support for UTP cable lengths over 200m
 - IQ-based alarms instant thumbnails listing in live view
 - Filtering of alarms for pedestrians, vehicles, license plates, ...
 - High performance, low power consumption, based on SigmaStar, Rockchip and Intel solutions
 - Instant alert push messages to mobile phone (Guard Live and Guard Viewer), live view, playback, alarm event listing




					model name
16 ch. 12MP 2HDD NVR	16 ch. 12MP 2HDD PoE NVR	32 ch. 12MP 4HDD NVR	32 ch. 16MP 4HDD IQ NVR	64 ch. 4K 8HDD IQ NVR	description
320 Mbps @ 16cs	320 Mbps @ 16cs	320 Mbps @ 32cs	320Mbps @ 32cs	384Mbps @ 64ch	incoming bandwidth
320 Mbps	320 Mbps	320 Mbps	160 Mbps	384 Mbps	outgoing bandwidth
1x RCA mono	1x RCA mono	1x RCA mono	1x RCA mono	1x RCA mono	2way audio input
MyDDNS, domain, IP cím	MyDDNS, domain, IP cím	MyDDNS, domain, IP cím	MyDDNS, domain, IP cím	MyDDNS, domain, IP address	adding remote located IP camera
1x HDMI 4K@30Hz 1x 1080P@60Hz	1x HDMI 4K@30Hz 1x 1080P@60Hz	1x HDMI 4K@30Hz 1x 1080P@60Hz	1x HDMI 4K@30Hz 1x 1080P@60Hz	2x HDMI 4K@30Hz 1x 1080P@60Hz	display connection HDMI, VGA
displays are independent	displays are independent	displays are independent	displays are independent	all displays independent	audio output
1x RCA, HDMI	1x RCA, HDMI	1x RCA, HDMI	1x RCA, HDMI	1x RCA, HDMI	max cam. resolution
max 12MP (4K+)@30fps/ch	max 12MP (4K+)@30fps/ch	max 12MP (4K+)@30fps/ch	max 16MP@30fps/cs	max 12MP@30fps/ch	ONVIF profiles
S, G, T profiles	S, G, T profiles	S, G, T profiles	S, G, T profilok	S, G, T profiles	decoding capability (sum of simultaneous live view / playback)
20MP@30fps max (1x12MP, 2x 4K, 5x 4MP, 10x 1080p, 16x 720p)	20MP@30fps max (1x12MP, 2x 4K, 5x 4MP, 10x 1080p, 16x 720p)	20MP@30fps max (1x12MP, 2x 4K, 5x 4MP, 10x 1080p, 32x D1)	32MP@30fps max (2x 16MP, 4x 4K, 8x 4MP, 16x 1080p, 32x 720p)	32MP@30fps max (2x 12MP, 4x 4K, 8x 4MP, 16x 1080p, 64x D1)	corridor mode display
3/4/5/7/9/10/12/16ch	3/4/5/7/9/10/12/16ch	3/4/5/7/9/10/12/16/32ch	3/4/5/7/9/10/12/16/32cs	3/4/5/7/9/10/12/16/32ch	VCA detections and alarms
intrusion detection, cross line detection, at 8 channels from 16 audio detection, face detection, human body detection, defocus/scene change, object left/removed, PTZ auto tracking, handling LPR lists w. alarms	intrusion detection, cross line detection, at 8 channels from 16 audio detection, face detection, human body detection, defocus/scene change, object left/removed, PTZ auto tracking, handling LPR lists w. alarms	intrusion detection, cross line detection, at 8 channels from 16 audio detection, face detection, human body detection, defocus/scene change, object left/removed, PTZ auto tracking, handling LPR lists w. alarms	intrusion detection, cross line detection, at 8 channels from 32 audio detection, face detection, human body detection, defocus/scene change, object left/removed, PTZ auto tracking, handling LPR lists w. alarms	intrusion detection, cross line detection, at 16 channels from 64 audio detection, face detection, human body detection, defocus/scene change, object left/removed, PTZ auto tracking, handling LPR lists w. alarms	VCA search
behaviour event search vehicle/bike/person filter face listing, face search on NVR GUI + WEB	behaviour event search vehicle/bike/person filter face listing, face search on NVR GUI + WEB	behaviour event search vehicle/bike/person filter face listing, face search on NVR GUI + WEB	behaviour event search vehicle/bike/person filter face listing, LPR search on NVR GUI + WEB	behaviour event search vehicle/bike/person filter face listing, LPR search on NVR GUI + WEB	statistical functions
people counting, flow control (in, out, remain)	people counting, flow control (in, out, remain)	people counting, flow control (in, out, remain)	people counting, flow control (in, out, remain)	people counting, flow control (in, out, remain)	HDD, eSATA, RAID
2 SATA, max 2x 6TB	2 SATA, max 2x 12TB	4 SATA, max 4x 6TB RAID1, RAID5	4 SATA, max 4x 8TB Redundant recording	8 SATA, max 8x 12TB 1x eSATA, RAID 1, 5, 6, 10	LAN interface
2 x RJ45 1000M Gbe	2 x RJ45 1000M Gbe	2 x RJ45 1000M Gbe	2 x RJ45 1000M Gbe	2 x RJ45 1000M Gbe	PoE, pinout, PoE budget
-	16x PoE+ IEEE 802.3at/af midspan/B 30W/port max, 240W max	-	-	-	USB Interface, serial ports
2 x USB2.0, 1 x USB3.0 1 x RS485	1 x USB2.0, 1 x USB3.0 1 x RS485	2 x USB2.0, 1 x USB3.0 1 x RS485	2 x USB2.0, 1 x USB3.0 1 x RS485	2 x USB2.0, 1 x USB3.0 1 x RS485, 1 x RS232	alarm I/O
in 8, out 2 + camera I/O	in 8, out 2 + camera I/O	in 16, out 4 + camera I/O	in 16, out 4 + camera I/O	in 16, out 4 + camera I/O	power requirement
12V DC, 3.3A	230VAC	12V DC, 5A	12V DC, 5A	230VAC	power consumption
≤12W (w/o HDD)	≤ 15 W (w/o HDD)	≤12W (w/o HDD)	≤ 20 W (without HDD)	≤ 25 W (without HDD)	working ambi. temp.
-10°C ~ 55°C	-10°C ~ + 55°C	-10°C ~ 55°C	-10°C ~ + 55°C	-10°C ~ + 55°C	dimensions
380 x 315 x 53mm - 1U	380 x 315 x 53mm - 1U	440 x 344 x 48mm - 1U	440 x 344 x 48mm - 2U	442 x 426 x 89mm - 2U	weight (without HDD)
≤1.8kg	≤ 2.6Kg	≤3kg	≤ 3.2Kg	≤ 5.7Kg	


									
model name	NVR-301-04LH	NVR-301-08LH	NVR-5001-08S	NVR-301-04LH-P4	NVR-301-08LH-P8	NVR-301-16LH-P8	NVR-301-16XH	NVR-302-32S	model name
description	4 ch. 4K NVR	8 ch. 4K NVR	8 ch. 4K NVR	4 ch. 4K PoE NVR	8 ch. 4K PoE NVR	16ch, 8x PoE 4K NVR	16 ch. 4K NVR	32 ch. 4K 2HDD NVR	description
incoming bandwidth	64 Mbps @ 4ch	64 Mbps @ 8ch	80 Mbps @ 8ch	64 Mbps @ 4ch	64 Mbps @ 8ch	64Mbps @ 16ch	64 Mbps @ 16ch	160 Mbps @ 32ch	incoming bandwidth
outgoing bandwidth	48 Mbps	48 Mbps	64 Mbps	48 Mbps	48 Mbps	48 Mbps	64 Mbps	64 Mbps	outgoing bandwidth
audio in for remote talk	-	-	-	-	-	-	1x RCA mono	1x RCA mono	audio in for remote talk
adding IP camera from a remote location	MyDDNS, domain, IP address	MyDDNS, domain, IP address	MyDDNS, domain, IP address	MyDDNS, domain, IP address	MyDDNS, domain, IP address	MyDDNS, domain, IP address	MyDDNS, domain, IP address	MyDDNS, domain, IP address	adding IP camera from a remote location
display connection	1x HDMI 4K@30Hz	1x HDMI 4K@30Hz	1x HDMI 4K@30Hz	1x HDMI 4K@30Hz	1x HDMI 4K@30Hz	1x HDMI 4K@30Hz	1x HDMI 4K@30Hz	1x HDMI 4K@30Hz	display connection
HDMI, VGA	1x 1080P@60Hz	1x 1080P@60Hz	1x 1080P@60Hz	1x 1080P@60Hz	1x 1080P@60Hz	1x 1080P@60Hz	1x 1080P@60Hz	1x 1080P@60Hz	HDMI, VGA
audio output	1x 3.5mm Jack, HDMI	1x 3.5mm Jack, HDMI	1x 3.5mm Jack, HDMI	1x 3.5mm Jack, HDMI	1x RCA, HDMI	1x RCA, HDMI	1x RCA, HDMI	1x RCA, HDMI	audio output
recording resolution, all ch.	max 4K (8MP)@30fps/ch	max 4K (8MP)@30fps/ch	max 4K (8MP)@30fps/cs	max 4K (8MP)@30fps/ch	max 4K (8MP)@30fps/ch	max 4K (8MP)@30fps/ch	max 4K (8MP)@30fps/ch	max 4K (8MP)@30fps/ch	recording resolution, all ch.
ONVIF profiles	S, G, T profiles	S, G, T profiles	S, G, T profiles	S, G, T profiles	S, G, T profiles	S, G, T profiles	S, G, T profiles	S, G, T profiles	ONVIF profiles
decoding capability (sum of simultaneous live view / playback)	12MP@25fps max, 8MP@30fps max (1x 4K, 2x 4MP, 4x 1080p)	12MP@25fps max, 8MP@30fps max (1x 4K, 2x 4MP, 4x 1080p)	38MP@25fps max, 32MP@30fps max (4x 4K, 8x 4MP, 16x 1080p)	12MP@25fps max, 8MP@30fps max (1x 4K, 2x 4MP, 4x 1080p)	12MP@25fps max, 8MP@30fps max (1x 4K, 2x 4MP, 4x 1080p)	8MP@30fps max, (1x 4K, 1x 5MP, 2x 4MP, 4x 1080p, 8x 720p, 16x D1)	16MP@30fps max (2x 4K, 4x 4MP, 8x 1080p, 16x 720p)	16MP@30fps max (2x 4K, 4x 4MP, 8x 1080p, 16x 720p, 32x D1)	decoding capability (sum of simultaneous live view / playback)
corridor mode display	3/4ch	3/4/5/7/9ch	3/4/5/7/9cs	3/4ch	3/4/5ch	3/4/5/7/9/10/12/16ch	3/4/5/7/9/10/12/16ch	3/4/5/7/9/10/12/16/32ch	corridor mode display
VCA detections and alarms	IQ motion detection, intrusion detection, cross line detection, audio detection, face detection, human body detection on all 4 channels	IQ motion detection, intrusion detection, cross line detection, audio detection, face detection, human body detection on 4 channels from 8	IQ motion detection, intrusion detection, cross line detection, audio detection, face detection, human body detection on all 8 channels	IQ motion detection, intrusion detection, cross line detection, audio detection, face detection, human body detection on all 4 channels	IQ motion detection, intrusion detection, cross line detection, audio detection, face detection, human body detection on 4 channels from 8	IQ motion detection, intrusion detection, cross line detection, audio detection, face detection, human body detection on 4 channels from 16	IQ motion detection, intrusion detection, cross line detection, audio detection, face detection, human body detection, defocus/scene change, object left/removed, PTZ auto tracking on 8 channels from 16	IQ motion detection, intrusion detection, cross line detection, audio detection, face detection, human body detection, defocus/scene change, object left/removed, PTZ auto tracking on 8 channels from 16	VCA detections and alarms
VCA search	behaviour event search, face snapshot listing on NVR GUI	behaviour event search, face snapshot listing on NVR GUI	behaviour event search, face snapshot listing on NVR GUI	behaviour event search, face snapshot listing on NVR GUI	behaviour event search, face snapshot listing on NVR GUI	behaviour event search, face snapshot listing on NVR GUI	behaviour event search, vehicle/bike/person filter, face snapshot listing on NVR GUI	behaviour event search, vehicle/bike/person filter, face snapshot listing on NVR GUI	VCA search
statistical functions	-	-	-	-	-	-	people counting, flow control (in, out, remain)	people counting, flow control (in, out, remain)	statistical functions
HDD, eSATA, RAID	1 SATA, max 8TB	1 SATA, max 8TB	1 SATA, max 8TB	1 SATA, max 8TB	1 SATA, max 8TB	1 SATA, max 8TB	1 SATA, max 8TB	2 SATA, max 2x 8TB	HDD, eSATA, RAID
LAN interface	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	2 x RJ45 1000M Gbe	LAN interface
PoE, pinout, PoE budget	-	-	-	4x PoE+ IEEE 802.3at/af midspan/B 54W max	8x PoE+ IEEE 802.3at/af midspan/B 75W max	8x PoE+ IEEE 802.3at/af midspan/B 75W max	-	-	PoE, pinout, PoE budget
USB Interface, serial ports	2 x USB2.0	2 x USB2.0	1 x USB2.0, 1 x USB3.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	1 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	USB Interface, serial ports
alarm I/O	camera alarm I/O only	camera alarm I/O only	camera alarm I/O only	camera alarm I/O only	camera alarm I/O only	camera alarm I/O only	camera alarm I/O only	camera alarm I/O only	alarm I/O
power requirement	12V DC, 1.5A	12V DC, 1.5A	12V DC, 1.5A	48V/1.35A	52V DC, 1.8A	52V DC, 1.8A	12V DC, 1.5A	12V DC, 3.3A	power requirement
power consumption	≤5W (without HDD)	≤5W (without HDD)	≤6W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤15W (without HDD)	power consumption
working ambiental temp.	-10°C ~ 55°C	-10°C ~ 55°C	-10°C ~ 55°C	-10°C ~ 55°C	-10°C ~ 55°C	-10°C ~ 55°C	-10°C ~ 55°C	-10°C ~ 55°C	working ambiental temp.
dimensions	260 x 240 x 46mm	260 x 240 x 46mm	260 x 222 x 47mm	205 x 205 x 46mm	270 x 205 x 46mm	270 x 205 x 46mm	260 x 240 x 47mm	380 x 315 x 49mm - 1U	dimensions
weight (without HDD)	≤0.98kg	≤0.98kg	≤0.98kg	≤0.6kg	≤0.8 kg	≤0.8 kg	1.3kg	≤2.48kg	weight (without HDD)








	IPD-3612LA-28F IPD-3614LSA-28F IPD-3615IQ-28SWAL IPD-3618IQ-28SWAL IPD-325IQ-28S IPD-324LS-28F IPD-328LSA-28F IPP-3605IQ-17A XD-200IRS-28F XD-500WL-28F						
		TR-JB03-G-IN	TR-WM03-D-IN	TR-UP06-C-IN	TR-A01-IN	TR-CM24-IN	TR-SE24-A-IN
Junction box	Wall mount	Pole mount (for TR-WM03-D-IN)	NPT 3/4" Plastic Waterproof joint	Pendent Mount	Ceiling mount (500mm, needs TR-CM24-IN)		








	Sunshield for varifocal domes IPD-3234L-28ZD IPD-3534LSA-28Z IPF-868IQ-F18-C
HS-207S	









	Sunshield for fixed lens domes IPD-324LS-28F, IPD-325IQ-28S, IPD-328LSA-28F, IPP-3605IQ-17A
HS-205S	








	Corner mount for junction boxes: TR-JB05-A-IN, TR-JB05B-IN TR-JB06-A-IN, TR-JB07-D-IN
TR-UC08-C	









	IPD-3612LSA-28WAL IPD-3624LSA-28SWX						
		TR-JB03-I-IN	TR-WM03-B-IN	TR-UP06-IN	TR-A01-IN	TR-CM24-IN	TR-SE24-A-IN
Junction box	Wall mount	Pole mount (for TR-WM03-B-IN)	NPT 3/4" Plastic Waterproof joint	Pendent Mount	Ceiling mount (500mm, needs TR-CM24-IN)		











						
	TR-JB05-B-IN	TR-UP06-B-IN	TR-UP06-C-IN	TR-A01-IN	TR-CM24-IN	TR-SE24-A-IN
Junction box (Extra back outlet for cable)	Pole mount (for TR-JB05-B-IN)	Pole mount (for TR-JB05-B-IN)	NPT 3/4" Plastic Waterproof joint	Pendent Mount	Ceiling mount (500mm, needs TR-CM24-IN)	












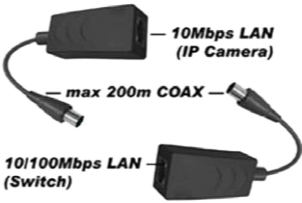


	IPD-3634IQ-28Z-SWA IPD-3534LSA-28Z						
		TR-JB03-H-IN	TR-WM03-B-IN	TR-UP06-IN	TR-A01-IN	TR-CM24-IN	TR-SE24-A-IN
Junction box	Wall mount	Pole mount (for TR-WM03-B-IN)	NPT 3/4" Plastic Waterproof joint	Pendent Mount	Ceiling mount (500mm, needs TR-CM24-IN)		

							
	TR-JB05-A-IN	TR-JB07-D-IN	TR-UP06-B-IN	TR-UP06-C-IN	TR-A01-IN	TR-CM24-IN	TR-SE24-A-IN
Junction box (Extra back outlet for cable)	Junction box (Extra back outlet for cable)	Pole mount (for TR-JB05-A-IN)	Pole mount (for TR-JB05-A-IN, TR-JB07-D-IN)	NPT 3/4" Plastic Waterproof joint	Pendent Mount	Ceiling mount (500mm, needs TR-CM24-IN)	

	IPD-3234L-28ZD IPF-868IQ-F18-C						
		TR-JB04-C-IN	TR-WM04-IN	TR-UP06-C-IN	TR-A01-IN	TR-CM24-IN	TR-SE24-A-IN
Junction box	Wall mount	Pole mount (for TR-WM04-IN)	NPT 3/4" Plastic Waterproof joint	Pendent Mount	Ceiling mount (500mm, needs TR-CM24-IN)		

							
	TR-JB06-A-IN	TR-JB07-D-IN	TR-UP06-B-IN	TR-UP06-C-IN	TR-A01-IN	TR-CM24-IN	TR-SE24-A-IN
Junction box (Extra back outlet for cable)	Junction box (Extra back outlet for cable)	Pole mount (for bare camera wo. junction box)	Pole mount (TR-JB07-D-IN)	NPT 3/4" Plastic Waterproof joint	Pendent Mount	Ceiling mount (500mm, needs TR-CM24-IN)	

	PTZ-6424IQ-X25S PTZ-6622IQ-X25-S60 PTZ-6624IQ-X33S PTZ-6854-X38UP-VL									
		TR-WE45-IN	TR-JB12-IN	TR-UP08-A-IN	TR-UC08-A-IN	TR-A01-IN	TR-UF45-A-IN	TR-CE45-IN	TR-SE45-IN	TR-SE45-A-IN
Wall mount	Junction box	Vertical Pole mount (for TR-WE45-IN or TR-JB12-IN)	Corner mount (for TR-WE45-IN)	NPT 3/4" Plastic Waterproof joint	Pendent mount adaptor	Pendent mount (200 mm)	Pendent mount (200mm, needs TR-UF45-A-IN & TR-CE45-IN)	Ceiling mount (500mm, need TR-UF45-A-IN & TR-CE45-IN)		

												
model name	PS04FE+2FE-V2	PS04FE+2FE	PS08FE+2FE	PS08FE+2GE-V1	PSH04GE+4GE	PS16FE+2GE	PS16FE+2GE+2SFP	PS24FE+2GE+2SFP	model name			
description	4 + 2 ports PoE switch with long cable CCTV mode	4 + 2 ports PoE switch with long cable CCTV mode	8 + 2 ports PoE switch with long cable CCTV mode	8 + 2 ports PoE switch with long cable CCTV mode	4 + 4 ports Gbe PoE++ switch (4x High PoE)	16+2 ports PoE switch with 2xGbe uplink	16 + 2 + 2 ports PoE switch with 2xGbe + 2x SFP uplink	24 + 2 + 2 ports PoE switch with 2xGbe + 2x SFP uplink	description			
uplink ports, speed	2x 100Mbps	2x 100Mbps	2x 100Mbps	2x 1000Mbps	4x 1000Mbps	2x 1000Mbps	2x 1000Mbps SFP + 2x Gbe	2x 1000Mbps SFP + 2x Gbe	uplink ports, speed			
PoE ports speed, PoE standard	4x100Mbps, IEEE802.3 af/at (PoE 15W, PoE+ 30W) Max 45W on 1. port	4x 100Mbps, IEEE802.3 af/at (PoE 15W, PoE+ 30W)	8x100Mbps, IEEE802.3 af/at (PoE 15W, PoE+ 30W) Max 45W on 1. port	8x 100Mbps, IEEE802.3 af/at (PoE 15W, PoE+ 30W)	4x 1000Mbps, IEEE802.3 af/at/bt (PoE++ , 60W/port)	16x 100Mbps, IEEE802.3 af/at (PoE 15W, PoE+ 32W)	16x 100Mbps, IEEE802.3 af/at (PoE 15W, PoE+ 32W)	16x 100Mbps, IEEE802.3 af/at (PoE 15W, PoE+ 32W)	PoE ports speed, PoE standard			
PoE budget	50W, depends on power-in	60W	105W, depends on power-in	125W	150W	150W	240W	370W	PoE budget			
RJ45 pinout	endspan / A (1/2+, 3/6-)	endspan / A (1/2+, 3/6-)	endspan / A (1/2+, 3/6-)	endspan / A (1/2+, 3/6-)	endspan+midspan / A + B	endspan / A (1/2+, 3/6-)	endspan / A (1/2+, 3/6-)	endspan / A (1/2+, 3/6-)	RJ45 pinout			
overvoltage protection*	2kV contact, 4kV OTA	4kV contact, 6kV OTA	2kV contact, 4kV OTA	2kV érintési, 2kV levegő	4kV contact, 6kV OTA	2kV contact, 6kV OTA	4kV contact, 6kV OTA	4kV contact, 6kV OTA	overvoltage protection*			
power requirement	200-240V AC	100-240V AC	200-240V AC	100-240V AC	100-240V AC	100-240V AC	100-240V AC	100-240V AC	power requirement			
power supply	external , included 55W, 53V DC	internal , 65W, 53V DC	external , included 108W, 53V DC	external , included 130W, 53V DC	internal , 155W, 53V DC	internal , 155W, 53V DC	internal , 270W, 53V DC	internal , 400W, 53V DC	power supply			
dimensions	140 x 76 x 28 mm	168 x 93 x 32 mm	168 x 86 x 32 mm	270 x 105 x 27.5 mm	280 x 180 x 43 mm	280 x 180 x 44.5 mm	440 x 230 x 45 mm	440 x 230 x 45 mm	dimensions			
weight	0.8 kg	0.8 kg	1 kg	0.62 kg	2.2 kg	2.5 kg	4.5 kg	4.5 kg	weight			
additional functions	1k MAC table CCTV mode: PoE port speeds limited to 10Mbps, cable range extends to over 200m	4k MAC table CCTV mode: PoE port speeds limited to 10Mbps, cable range extends to over 200m	1k MAC table CCTV mode: PoE port speeds limited to 10Mbps, cable range extends to over 200m	CCTV mode: PoE port speeds limited to 10Mbps, cable range extends to over 200m	4x High PoE (PoE++) outputs for PTZ cameras or PS04PGE+IPD	CCTV mode: PoE port speeds limited to 10Mbps, cable range extends to over 200m	Live port load+up/down traffic displaying, CCTV mode / VLAN forward mode, PoE power limit by port (8W - 36W), PoE watchdog set per port (if no traffic for set time, resets the power of the port)	Live port load+up/down traffic displaying, CCTV mode / VLAN forward mode, PoE power limit by port (8W - 36W), PoE watchdog set per port (if no traffic for set time, resets the power of the port)	additional functions			
* When GND terminal is connected and STP cable is not grounded on both ends, if STP is used.												
model name				 <p>PS-EOC7001 1 channel ethernet over coax, passive converter transmit ethernet signal (10Mbps) over standard 75Ω/m coaxial cable, max 200m comply with IEEE802.3 10BASE-T & 100BASE-T surge protection: 2kV</p>						  		
description	3 + 1 ports PoE switch powered from LAN PoE	4 + 1 ports Gbe PoE switch powered from LAN PoE	4 + 1 ports PoE switch with long cable CCTV mode									
uplink ports, speed	1x 100Mbps	1x 1000Mbps	1x 100Mbps									
PoE ports speed, PoE standard	3x 100Mbps, IEEE802.3 af/at (PoE 15W, PoE+ 25W)	4x 1000Mbps, IEEE802.3 af/at (PoE 15W, PoE+ 25W)	4x 100Mbps IEEE802.3af/at (PoE 15W, PoE+ 30W)									
PoE budget	25Wmax, depends on PoE in	55Wmax, depends on PoE in	55W, a bemenő táptól függ									
RJ45 pinout	endspan+midspan / A + B	endspan / A (1/2+, 3/6-)	endspan / A (1/2+, 3/6-)									
overvoltage protection*	2kV contact	4kV contact, 6kV OTA	2kV érintési, 4kV levegő									
power requirement	48V-55V DC only over UTP	48V-55V DC	200-240V AC									
power supply	PoE or PoE+ only on PoE-IN port	PoE+ (5. port) or POE-60W (not included)	külső, mellékelve: 60W, 53V DC									
dimensions	84 x 54 x 27 mm	140 x 93 x 27 mm	160 x 92.5 x 28 mm									
weight	0.1 kg	1 kg	0.45 kg									
additional functions	1k MAC table, only PoE port powered switch , over UTP cable Fits in small junction boxes, 3x 8.3W average camera power when all ports in use	4k MAC table 5x Gigabit ethernet, powered from PoE port, over UTP cable	1k MAC table VLAN+EXTEND mode: PoE port speeds limited to 10Mbps, cable range extends to over 200m									
model name	RA-48PoE	RA-48PoE-H1	PoE48									
description	passive PoE+ (IEEE802.3 at) power injector	passive PoE+ (IEEE802.3 at) power injector	active PoE (IEEE802.3 af) power splitter									
power supply	96-260V AC	96-260V AC	36-57V DC									
power output	48V DC, 500mA, 24W	48V DC, 1000mA, 48W	12V DC, 1050mA, 12.6W									
network bandwidth	midspan B, +:4,5 -: 7,8 100 Mbps	midspan B, +:4,5 -: 7,8 100 Mbps	100 Mbps									



model name	Presence
description	Access, time and attendance system with face recognition and RFID reading, attendance logging in PRESENCE software
image sensor	2MP, 1/2.8" CMOS
max. frame rate	30fps / 25fps
lens	2.8mm f/1.6, 104.1° corridor mode + mirror view default
minimal illumination (color)	0.003 lux
0 lux light source, light range	White LED 10m max
wide dynamic range	120dB true WDR
video compression	H.264, H.265
video streams	+ Smart Encoding,
OSD	date, time, ...
display	7" touch screen, 600x1024px
audio source	built-in microphone
audio output	built-in speaker
VCA, video content analysis	face detection face recognition face+ID card matching mask wearing detection safety helmet wearing detection
face recognition database	max 10.000 face samples
in-camera storage option	built-in 4GB eMMC for passing snapshot records
alarm I/O, other I/O	door contact out NO+NC alarm out NO+NC 2x alarm in, exit button in, door state contact in wiegand in, wiegand out (26/34)
ethernet interface	RJ45, 10/100Mbps
RS485	for contactless temperature sensor
card reader	13.56MHz mifare 1 serial number (asc/desc bit order)
power source, max consumption (W)	DC 12V±25%, 18W max 12V DC 3A suggested (not included) 20°C – 35°C, indoor use only
working environment	windless environment
weight	1.55kg
dimensions	terminal: 420 x 220 x 65mm
optional mounting stands	EP-S31-W-NB floor stand EP-SZ34 desktop stand

Videosec's Presence Access and Time & Attendance system can replace attendance sheets with facial recognition and RFID reading. No more forgotten or lost ID cards, no more access with someone else's card, as long as a card+face recognition rule is applied. Frequent changes of casual employees are also easily tracked.

The employer is responsible for keeping records of working time and attendance. Our Presence system digitises this process, eliminating manual reports and paperwork. The Presence software at the heart of the system can collect data from up to 32 access units into a central register. The software provides accurate, comprehensive and transparent data on employee attendance and working hours, just as required by legislation.

You can assign your employees to departments and groups at different levels, assign shifts to them or set a flexible working time. The system automatically decides for each facial recognition whether it represents a start of work, end of work, being late, leaving early, overtime, or an exit/entry during working hours (the latter can be assigned as official or private). The same access unit can be used by both employees entering and leaving at the same time. The data can be easily transferred to payroll without additional calculations, paperwork and manual reports. The Presence software generates a spreadsheet in XLSX format for the selected period and persons. Scheduled holidays and absences can be added to the system in advance, unscheduled events can be categorised afterwards with a few clicks. The legal background in Hungary for the face recognition is regulated by the change of the Labour Code in April 2019, and a justification and a signed declaration by the employee are required.



EP-S31-W-NB

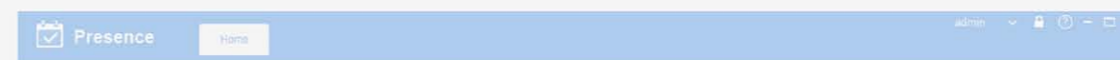
floor-standing mounting bracket for Presence terminal
3x screw-locked backdoors
2x side mounts for temp. sensor
base plate may be screwed to concrete
material: sheet metal
dimensions:
280 x 222 x 1158mm
weight:
6.85kg



EP-SZ34

desktop-standing mounting bracket for Presence terminal
1x side mount for temp. sensor
usable as wall mount, if mount-plate is rotated 180°
material: sheet metal
dimensions:
128 x 118 x 188mm
weight:
0.8kg

Access, time and attendance system with face recognition and RFID reading



Presence



contactless,
hygienic



model name	ODI-201W-R ODI-201W-S
description	Interphone outdoor station, WiFi+LAN(PoE) ODI-201W-R: Recess mounting ODI-201W-S: Surface mounting
image sensor	2MP, 1/2.8" CMOS
max. frame rate	25fps
lens	1.7mm f/2, 124.3° ultra wide fixed lens
minimal illumination (color)	0.01 lux
0 lux light source, range	IR LED 10m max
WDR	120dB with auto option
video compression	H.265 default
video streams	1. 1080p main stream 2. 720p second stream
supported protocol	Private protocol, RTSP, ONVIF (view only)
OSD	max 8, date, time, bitmap, custom texts
audio source	built-in microphone with noise suppression
audio output	built-in speaker
volume adjustment	adjustable from web GUI
audio compression	PCM, G711, mp3 8kHz 16bit input
RFID card capacity	min. 2000 ID cards (configure @web GUI)
RFID frequency	13.56MHz
call buttons	1 physical call button
door relay outputs	2 independent COM/NO/NC relays
network connectivity	WiFi 802.11b/g/n (20MHz channel) 10/100Base-TX LAN, with IEEE802.3af PoE
wired ports	DC power (+/-) Lock1 (NO, COM, NC) Lock2 (NO, COM, NC) Status input (IN1, IN2, IN3, IN4, GND)
power source, max consumption (W)	DC 12V±25%, 10W max PoE IEEE802.3af
working environment	-30°C – 60°C
ingress protection	IP65
vandal protection	IK08
weight	0.27kg
dimensions	79 x 171 x 34mm



model name	IDI-701W
description	Interphone indoor station WiFi+LAN(PoE) with 7" capacitive touch LCD
operating system	embedded linux
screen	1024 x 600px capacitive touch
system topology	one main indoor station IDI-701W up to 19pcs extension indoor stations IDI-701W one or more outdoor stations ODI-201W-R/S IP cameras connected to local network
video compression	H.264 and H.265 decoding displaying source's 2nd stream
video streams	up to 720p resolution
supported protocol	Private protocol
audio source	built-in microphone with noise suppression
audio output	built-in speaker
volume adjustment	adjustable from touch screen GUI
audio compression	8kHz 16bit input
network connectivity	WiFi 802.11b/g/n (20MHz channel) 10/100Base-TX LAN, with IEEE802.3af PoE
local data storage	microSD up to 128GB for call snapshots recording
wired ports	DC power (+/-) Lock1 (NO, COM, NC) Lock2 (NO, COM, NC) Status input (IN1, IN2, IN3, IN4, GND)
power source, max consumption (W)	DC 12V±25%, 10W max PoE IEEE802.3af
working environment	-10°C – 55°C
weight	0.38kg
dimensions	193 x 143 x 25mm



Doorphone Solution



IDI-701W
indoor station

ODI-201W-R
ODI-201W-S
outdoor station

The logo for Videosec, featuring the word "Videosec" in a bold, red, sans-serif font with a registered trademark symbol (®) to its upper right. The logo is centered horizontally and positioned in the upper third of the page. The background of the entire page is a light gray network of interconnected nodes and lines, resembling a web or data structure, which is most prominent in the top half.

Videosec®

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