TVW-5305

TruVision IR Wedge, 4 MPX, True D/N, WDR, 10m IR, 2.8mm @ F2.0, Built-in Mic, Audio, Alarm, MICRO SD/SDHC/SDXC slot, PoE /12VDC, IP66, IK8, Gray

TruVision® IP Megapixel Wedge IR Cameras by Interlogix bring high-definition images to the mass video surveillance segment. With 2MPx or 4MPx resolution options, these cameras provide flexibility for a wide variety of applications.   The IP Megapixel Wedge IR Cameras also adhere to ONVIF® Profile G and S open communications standards as well as support CGI command set for simple integration into standard IP systems. By utilizing an integrated browser and micro SD memory card storage capability, these cameras simplify remote, live monitoring/playback of edge-recorded audio and video. Memory card recording also helps protect data in the event of network disruptions.

Details

- IR Wedge camera
- Real time Full HD 1080p resolution
- Maximum resolution 2688 x 1520
- H.264 with dual streaming functionality
- 1/3" CMOS Progressive Scan
- Motorized IR cut filter
- Wide Dynamic Range (120dB)
- Up to 10m IR illumination
- Fixed 2.8 mm Lens
- Grey housings
- Designed to PSIA and ONVIF Profile G and S open standards

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Technical Specifications

Camera

Sensor Size	1/3"
Sensor Scan	Progressive
Sensor Type	CMOS
Max. Resolution	4 MPX
Total Pixels (H x V)	2688 x 1520
Effective Pixels (H x V)	2688 x 1520
Sensor Size:	1/3"
SD / MPX:	4MPX
Sensor scan:	Progressive Scan
Sensor type:	CMOS
IP Compression / Standard:	H.264 / MJPEG
Maximum Resolution:	2688 x 1520
Maximum Real-TimeResolution (@fps):	1920 x 1080 @ 25/30 fps
Digital S/N ratio:	50dB (AGC OFF)
Electronic shutter:	1/3s to 1/10.000s
Certification:	FCC, CE, UL, WEEE, RoHS, REACH

Lighting performance

Wide dynamic range (WDR)	True WDR
WDR	120 dB
Digital Noise Reduction	3D DNR
Day/Night	True Day/Night
Motorized IR Cut Filter	Yes
Color Sensitivity	0.01 lux @ (F1.2, AGC ON)
B/W Sensitivity	0 lux with IR on
InfraRed (IR)	Yes
IR Sensitivity	0 lux with IR
IR Range	Up to 10 m
IR Wavelength (nm)	850 mm
Wide Dynamic Range:	WDR
WDR in dB:	120dB
Digital noise reduction:	3D DNR
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Minimum Illumination:	0.01 lux @ f1.2, AGC On; 0 lux with IR
IR Range:	Up to 10m
IR Wavelength:	850nm

Encoding

Video Compression Main Stream	H.264
Video Compression Sub Stream	H.264, M-JPEG
Main Stream Supported Resolutions	2688 x 1520
Max. Resolution @ fps	1920 x 1080 @ 25 fps
Video Bit Rate	128kbps to 16Mbps

Lens

Focal length	2.8 mm
Auto-iris	No
Auto-focus	No
Motorized Zoom	No
Lens Type	Fixed

Network

Supported Network Protocols	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, Qos, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP
Supported Video Standards	CGI, ONVIF, PSIA
ONVIF:	Interoperability ONVIF (Profile G/S)
PSIA:	Yes
CGI:	Yes
Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv6

Audio

Audio In	1
Audio Out	1
Audio Compression	G.711, G.722.1, G.726, MP2L2
Input:	1 Mic-in, Built-in Mic
Output:	1
Audio bit rate (protocol)	G.722.1, G.711ulaw, G.711alaw, MP2L2 and G.726

Alarm I/O

Alarm Outputs	1
Alarm I/O Connection	Terminal Type
Alarm Inputs	1

Storage

Max Storage Capacity	128GB
Local Storage Support	Yes
Local Storage Type	Built-in Micro SD/SDHC/SDXC card slot

Video intelligence

Basic Alarm Detection	Motion, Privacy Masking, Tamper
Intelligent Tracking	No
Video Analytics	Cross line, Intrusion detection

General

Technology	IP
Display Modes	Hallway View, Mirror, ROI (Region Of Interest)
Video Standard	NTSC, PAL
Software Compatibility	OnGuard, Prism, TruVision Navigator, TVRmobile, Web Browser

Electrical

Power supply type	PoE in
Power supply value	12 VDC
Power consumption	5 W
Current consumption	0.42 A

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Physical

Form Factor	Wedge
Rugged	IK8
Physical dimensions	99 x 97 x 53 mm
Net weight	409 g
Colour	Grey

Environmental

Operating temperature	-30 to +60°C
	-22 to +140°F
Vandal proof	Yes
Environment	Outdoor
IP-rating	IP67

Standards & regulation

Compliancy	CE, FCC, HALT, REACH, RoHS, UL, WEEE

Housing

Camera type:	Wedge
IP rating:	IP 66
Outdoor:	Yes
Rugged:	IK8

Lens

Control type:	Fixed
Optical zoom:	No
Focal length:	2.8 mm
F-stop:	2.0
Autoiris:	No
Varifocal:	No
Zoom lens:	No
Autofocus:	No

Power consumption

Voltage Input:	12VDC ± 10%
Current:	Max. 0.42A
Power Consumption:	Max. 5W
PoE:	PoE(802.3af)
Auxiliary Output:	No

Local Storage

Media:	MICRO SD/SDHC/SDXC slot
Capacity:	Up to 128GB

Camera Alarms

Intelligence:	Motion Detection, Tamper Proof, Privacy Mask, Dual_VCA, Intrusion Detection, Cross Line, ROI (Region of Interest)
Input/Output:	1 in/1 out

Display

Display Mode:	Flipped horizontally (up/down), vertically (right/left) or centered, Hallway view

Mechanical / Environmental

Dimensions:	99 × 97 × 53mm (3,86 x 3,82 x 2,09 in)
Weight:	409g (0.9 lbs.)
Cold start Temperature:	-20°C (-14ºF)
Operating Temperature:	-30°C to 60°C (-22°F to 140°F)
Vandal Rating	IK8

United
Technologies

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