

Axis V5938 50 Hz - Network surveillance camera

PTZ - colour (Day&Night) - 8 MP - 3840 x 2160 - motorized - audio - HDMI - HD-SDI - 3G-SDI - GbE - MPEG-4 - MJPEG - H.264 - AVC - HEVC - H.265 - DC 11 - 13 V

Group	Security
Manufacturer	Axis
Manufacturer item no.	02022-003
EAN/UPC	7331021070875



Description

AXIS V5938 provides excellent image quality in outstanding 4K resolution at 30 fps and 20x optical zoom for all the details. It offers stage mode and sports mode, providing better PTZ control for the operator in different scenarios. Featuring professional balanced XLR inputs with 48V phantom power, it can be used with studio-grade microphones and 3,5 mm input/output for flexibility. Additionally, the powerful chipset allows for analytics to run directly on the camera.

Main features

Product Description	AXIS V5938 50 Hz - network surveillance camera
Device Type	Network surveillance camera - pan / tilt / zoom
Audio	Yes: two-way audio capability
Camera Mount Type	Wall mount, ceiling mount
Dimensions (WxDxH)	13.6 cm x 13.6 cm x 18 cm
Weight	1.5 kg
Colour	White
Connectivity Technology	Wired
Camera	Colour - Day&Night - PAL
Optical Zoom	20 x
Max Resolution	3840 x 2160
Frame Rate (max)	50 frames per second
Motion Detection	Yes
Video Modes	720p, 1080i, 1080p, 2160p, 4K
Optical Sensor Type	PS CMOS - 1/2.5" - 8 MP

Minimum Illumination	0.7 lux - colour - F2.0 - 30 IRE 1 lux - colour - F2.0 - 50 IRE 0.06 lux - B&W - F2.0 - 30 IRE 0.1 lux - B&W - F2.0 - 50 IRE
Focal Length Control	Motorized zoom
Focal Length	4.4 mm - 88.4 mm
Focus Adjustment	Automatic
Lens Iris	F/2.0-3.8 (DC)
Panning Range (degree)	-170 to +170
Tilting Range (degree)	-20 to +90
Interfaces	HDMI, HD-SDI, 3G-SDI, Ethernet 10Base-T/100Base-TX/1000Base-T
Control Interface	RS-232, VISCA
Voltage	DC 11 - 13 V
Features	Backlight Compensation (BLC), sharpness control, white balance, progressive scanning, saturation control, brightness control, Wide Dynamic Range (WDR), Video Motion Detector (VMD), Highlight Compensation (HLC), 256 preset positions, Electronic Image Stabilizer (EIS), notification picture to E-mail, notification picture to FTP, password protection, Variable Bitrate (VBR), Audio Detection, noise reduction, Zipstream technology, ONVIF (Profile S) support, ONVIF (Profile G) support, Pixel Counter Support, infrared-cut filter, IP address filtering, auto tracking 2.0, multiple stream encoding, signed firmware, secure boot, Adaptive Bitrate (ABR), day/night threshold, defogging, text overlay, 180° image rotation
Environmental Parameters (operating)	0 °C - 40 °C; 10 - 85% (non-condensing) relative humidity

Extended details

General

Device Type	Network surveillance camera
Audio Support	Yes: two-way audio capability
Audio Formats	PCM, G.726, ADPCM, AAC-LC, LPCM, G.711, OPUS
Camera Mount Type	Wall mount, ceiling mount
Connectivity Technology	Wired
Width	13.6 cm
Depth	13.6 cm
Height	18 cm
Weight	1.5 kg
Localisation	United Kingdom

Camera

Type	Colour - Day&Night - pan / tilt / zoom
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Video Format	PAL
Digital Video Format	MPEG-4, MJPEG, H.264, AVC, HEVC, H.265
Max Digital Video Resolution	3840 x 2160
Motion Detection	Yes
Video Modes	720p, 1080i, 1080p, 2160p, 4K
Digital Zoom	12
Minimum Illumination	0.7 lux - colour - F2.0 - 30 IRE 1 lux - colour - F2.0 - 50 IRE 0.06 lux - B&W - F2.0 - 30 IRE 0.1 lux - B&W - F2.0 - 50 IRE
Video Capture	3840 x 2160 @ 25 fps 1920 x 1080 @ 50 fps 1280 x 720 @ 50 fps
RAM	2 GB
Flash Memory	512 MB
Features	Backlight Compensation (BLC), sharpness control, white balance, progressive scanning, saturation control, brightness control, Wide Dynamic Range (WDR), Video Motion Detector (VMD), Highlight Compensation (HLC), 256 preset positions, Electronic Image Stabilizer (EIS), notification picture to E-mail, notification picture to FTP, password protection, Variable Bitrate (VBR), Audio Detection, noise reduction, Zipstream technology, ONVIF (Profile S) support, ONVIF (Profile G) support, Pixel Counter Support, infrared-cut filter, IP address filtering, auto tracking 2.0, multiple stream encoding, signed firmware, secure boot, Adaptive Bitrate (ABR), day/night threshold, defogging, text overlay, 180° image rotation
	Image Sensor
Type	8 MP PS CMOS 1/2.5"
	Lens Construction
Type	Motorized zoom
Optical Zoom	20 x
Focal Length	4.4 mm - 88.4 mm
Lens Iris	F/2.0-3.8 (DC)
Focus Adjustment	Automatic
Horizontal Field of View (degree)	4.1 - 70.2
Vertical Field of View (degree)	2.3 - 39.5
	Panning
Range (degree)	-170 to +170
Speed (degree/sec)	Up to 100
	Tilting
Range (degree)	-20 to +90

Speed (degree/sec)	Up to 90
Interfaces	
Video	HDMI, HD-SDI, 3G-SDI
Network Interface	Ethernet 10Base-T/100Base-TX/1000Base-T
Network Protocols	DDNS, DHCP, DNS, FTP, HTTP, NTP, SMTP, TCP/IP, UDP/IP, ARP, ICMP, SNMP 1, SNMP 2c, SNMP 3, SOCKS, RTSP, RTP, HTTPS, UPnP, TLS, IPv4, IPv6, Bonjour, RTCP, SMB, IGMP, SSH, SSL, QOS, CIFS, EAP, SFTP, SIP, LLDP, MQTT
Control Interface	RS-232, VISCA
Alarm Inputs Qty	1
Alarm Outputs Qty	1
Expansion / Connectivity	
Ports	LAN - RJ-45 3G-SDI output - BNC HDMI output Audio line-in/microphone - 3 pin XLR x 2 Audio line-in/microphone - 3.5 mm jack Audio line out - 3.5 mm jack Serial RS-232 (Visca)
Supported Memory Cards	microSD Card, microSDHC Card, microSDXC Card
Miscellaneous	
Included Accessories	Ceiling mount kits, wall mount kit, terminal block connectors
Compliant Standards	CISPR 24, EN 61000-3-2, EN 61000-3-3, EN55024, EN 61000-6-1, EMC, EN 61000-6-2, IEC 60068-2-27, IEC 60068-2-6, FCC Part 15 B Class A, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-78, KC, VCCI Class A, RCM, KN35, AS/NZS CISPR 32 Class A, KN32 Class A, EN 55032 Class A, CAN/CSA-C22.2 No. 62368-1, EN 55035, CISPR 35, IEC/EN/UL 62368-1, IEEE 802.1x, CAD ICES-3(A)/NMB3(A), NIST SP500-267
Colour	White
Power	
Power Requirements	DC 11 - 13 V
Power Device	Power adapter - external 17.5 Watt
Software / System Requirements	
Software Included	Windows decoder 1-user licence, Camstreamer (3 months trial)
Manufacturer Warranty	
Service & Support	Limited warranty - 5 years
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	40 °C

Relative
Humidity
(operating)

10 - 85% (non-condensing)

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