



Milesight

**Ptz ip camera of 2 megapixels
and optical zoom lens**

MS-C2971-X23RPC

VIDEO (CAMERAS)

Video Resolution	2 Megapixels
BLC	Yes
HLC	Yes
3D-NR	Yes
AGC	Yes
AWB	Yes
WDR	WDR (140 dB)
Images per second	50fps
Video output	RJ45
Day / night mode	Automatic / Manual
Digital Zoom	16x
Privacy mask	Up to 28 areas
Anti fog system	Yes
Type of Codex	CBR / VBR
Bit rate	32Kbps ~ 16Mbps
Compression	H.265+ / H.265 / H.264
EIS	Yes
Main stream	1080P / 1.3Mpx / 720P (1 ~ 50fps)
Sub stream	704 x 576 / 640 x 480 / 640 x 360 / 352 x 288 / 320 x 240 / 320 x 192 / 320 x 180 (1 ~ 50fps)
Sub stream 2	1080P / 720P / 704 x 576 / 640 x 480 / 640 x 360 / 320 x 240 / 320 x 192 / 320 x 180 (1 ~ 25fps)
Watermark	Yes
Anti flap	Yes

LENS

Lens Type	Optical zoom
Focal distance	5 mm ~ 117 mm
Maximum diaphragm opening	F/1.5 ~ F/3.5
Angle of View	60° ~ 3°
Minimum focus distance	100mm ~ 1500mm
Autofocus	Yes

VIDEO ANALYSIS

Detection type	Analytical with human/vehicle classification in line/area crossing
AI Functions	People counting, facial detection
Auto tracking	Yes
Crossing line	Yes
Face detection	Yes
Motion detection	Yes
Abandoned object	Yes
Missing object	Yes
Video Tamper	Yes
People counting	Yes
Loitering detection	Yes
Classification Human / vehicle	Yes

IMAGE

Sensor	CMOS ®
Sensor resolution	1920 x 1080
Sensor Size	1/2.8"
Electronic shutter speed	1s to 1/100,000s
Minimum lighting	0.002Lux
Ratio S / N	More than 55dB

AMBIENT

Operating temperature	-40 °C ~ 60 °C
Degree of protection	IP66
Anti vandal	IK10
Use	Indoor-outdoor
Maximum humidity	90%
Lightning protection	4KV

AUDIO(CAMERAS)

Audio input	1 Input
Audio compression	G.711 / G.722.1
Sampling frequency	8 kHz 16 kHz 32 kHz 44.1 kHz 48 kHz

technical datasheet

Zoom speed	6 s
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POWER CONSUMPTION

Power mode	DC
Voltage	12V
Consumption (w)	19W
Amperage	3000mA
PoE power	Yes
Type PoE	PoE+ 802.3at

NETWORK FEATURES

IP connection	1 RJ45 (10M / 100M)
ONVIF	Yes, type S, G, T and Q
Management software	Milesight CMS
Mobile devices	Android / IOS (Apple)
IP address filter	Yes
Network disconnection	Yes

PTZ

Pan / Tilt Range	Horizontal 360° / Vertical -5 ~ 90° with autoflip
Manual speed control	Horizontal 450°/s / Vertical 360°/s
Speed between presets	Horizontal 450°/s / Vertical 360°/s
Memories	300
Position after power failure	Return to the position before the fault

MATERIAL AND DIMENSIONS

Dimensions	174.8 x 183 (Ø) mm
Net weight	2000 g
Weight with packaging	2785 g

AXES

Motion	2-Axis
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Bit rate	16 Kbps ~ 256 Kbps
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Audio output	1
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NIGHT VISION

Night vision distance	160 m
Type of night vision	IR
IR ON/Off	Automatic / Manual
Smart IR	Yes

GENERAL INFORMATION

Serie	AI PTZ Camera Series
Technology	IP
Type of camera	PTZ

STORAGE

MicroSD-Card	Up to 256Gb
Storage Systems	NAS / Micro SD / Recorder
ANR (Redundant Recording in SD)	Yes

INPUTS/OUTPUTS (CAMERAS)

Alarm	1 Input / 1 Output
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