



Milesight

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

MS-C2971-X23RPE

VIDEO (CAMERAS)

Video Resolution	2 Megapixels
BLC	Yes
HLC	Yes
3D-NR	Yes
AGC	Yes
AWB	Yes
WDR	Super WDR Pro (140 dB)
Images per second	50fps
Video output	RJ45
Day / night mode	Automatic / Manual
Digital Zoom	16x
Privacy mask	Up to 8 zones
Anti fog system	Yes
Type of Codex	CBR / VBR
Bit rate	16Kbps ~ 16Mbps
Compression	H.265+ / H.265 / H.264
Main stream	1080P / 1.3Mpx / 720P / 704 x 576 (1 ~ 50fps)
Sub stream	704 x 576 / 640 x 480 / 640 x 360 / 352 x 288 / 320 x 240 (1 ~ 50fps)
Sub stream 2	1080P / 720P / 704 x 576 / 640 x 480 / 640 x 360 / 320 x 240 (1 ~ 25fps)
Watermark	Yes
Anti flap	Yes

DISTANCE DORI

Detect (Open lens)	73 m
Detect (Closed Lens)	1467 m
Observe (Open lens)	29 m
Observe (Closed lens)	582 m
Recognize (Open lens)	15 m
Recognize (Closed lens)	293 m
Identify (Open lens)	7 m
Identify (Closed lens)	149 m

VIDEO ANALYSIS

Detection type	Analytical with human/vehicle classification in line/area crossing
AI Functions	People counting, facial detection with metadata
Crossing line	Yes
Intrusion	Yes
Face detection	Yes
Motion detection	Yes
Abandoned object	Yes
Missing object	Yes
Video Tamper	Yes
Loitering detection	Yes
Classification Human / vehicle	Yes
People and objects counting	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
Zoom speed	6 s

IMAGE

Sensor	CMOS ®
Sensor resolution	1920 x 1080
Sensor Size	1/2.8'
Electronic shutter speed	1s to 1/100,000s
Minimum lighting	0.005Lux
Ratio S / N	More than 55dB

AMBIENT

Operating temperature	-40 °C ~ 60 °C
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technical datasheet

PTZ

Pan / Tilt Range	Horizontal 360° / Vertical -5 ~ 90° with autoflip
Manual speed control	Horizontal 350°/s / Vertical 360°/s
Speed between presets	Horizontal 350°/s / Vertical 360°/s
Memories	300
PTZ mode	8 Tour between established points, 4 rounds
Position after power failure	Return to the position before the fault
Idle mode	Auto Scan / Auto Home / Preset Freezing / 3D Positioning / PTZ Limits / Initial Position

POWER CONSUMPTION

Power mode	DC
Voltage	12V
Consumption (w)	20W
Amperage	3000mA
PoE power	Yes
Type PoE	PoE+ 802.3at

AUDIO(CAMERAS)

Audio input	1 Input
Audio compression	G.711 / G.722 / G.726 / AAC
Sampling frequency	8 kHz 16 kHz 32 kHz 44.1 kHz 48 kHz
Bit rate	16 Kbps ~ 256 Kbps
Audio output	1

NIGHT VISION

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

STORAGE

MicroSD-Card	Up to 1TB
Storage Systems	NAS / Micro SD / Recorder
Storage anomaly	Yes
ANR (Redundant Recording in SD)	Yes

INPUTS/OUTPUTS (CAMERAS)

Alarm	1 Input / 1 Output
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Degree of protection	IP66
Anti vandal	IK10
Use	Indoor-outdoor
Maximum humidity	95%
Lightning protection	4KV

NETWORK FEATURES

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

MATERIAL AND DIMENSIONS

Dimensions	174.8 x 183 (Ø) mm
Material	Metal
Net weight	2000 g
Weight with packaging	2820 g

GENERAL INFORMATION

Serie	AI PTZ Camera Series
Technology	IP
Type of camera	PTZ

AXES

Motion	2-Axis
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METADATA

Face	Gender / age / glasses / beard / mask
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