



SXM PTZM18

2MP 18X AHD Vehicle PTZ Camera

Siera Xtreme Mobile is a line of MNDVRs, dashcams, and bodycams with advanced features designed to meet all the needs of the mobility market.

Key Specifications

- Full HD 1080P resolution.
- 18X optical zoom.
- High-definition AHD technology.
- Video transmission up to 500 m with zero latency.
- 360° continuous horizontal rotation.
- Vertical movement from -15° to +90°.
- Up to 255 preset positions.
- Power-off memory function.
- IR illumination range up to 80 m.
- Aluminum housing with IP66 protection.
- Quick-release magnetic mounting.
- RS-485 PTZ control (PELCO-D / PELCO-P).

CAMERA

Video System	PAL / NTSC
Resolution	1920 × 1080
Frame Rate	25 fps (50 Hz) / 30 fps (60 Hz)
Minimum Illumination	Color: 0.05 Lux @ F1.6 B/W: 0.005 Lux @ F1.6

Day / Night

Iris Control	Auto
Backlight Compensation	On / Off
White Balance	Auto
Exposure	Auto
Wide Dynamic Range (WDR)	Yes

LENS

Optical Zoom	18X
Focal Length	4.7 ~ 84.6 mm
Aperture	F1.6 ~ F3.5

PTZ Movement

Horizontal Rotation	360° Continuous
Vertical Rotation	-15° ~ +90°
Manual Horizontal Speed	0 ~ 120°/s
Manual Vertical Speed	0 ~ 30°/s
Maximum Horizontal Speed	120°/s
Maximum Vertical Speed	30°/s
Maximum Speed	Up to 150°/s Horizontal / 90°/s Vertical
Preset Positions	255
Linear Scan	8 Scan Paths
Scan Speed	Adjustable in 8 Levels
Cruise Scan	8 Cruise Paths
Presets per Cruise	32
Auto Learning	8 Recorded Paths
PTZ Recording per Path	Up to 1024 Movements
Watchdog Function	Presets, Linear Scan, Cruise Scan, Recorded Path, and Day/Night Mode
Power-Off Memory	Yes
Automatic Speed Adjustment According to Zoom	Yes



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ILLUMINATION

IR Distance	Up to 80 m
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INTERFACES

Video Output	AHD
Video Connector	BNC
PTZ Control	RS-485
Protocols	PELCO-P / PELCO-D

GENERAL

Material	Aluminum Alloy
Protection Rating	IP66
Power Supply	DC 9~18 V (Optional DC 9~36 V)
Power Consumption	25 W
Operating Temperature	-35°C ~ +65°C
Operating Humidity	0~90% (Non-Condensing)
Weight	3 kg
Dimensions	Ø129 × 220 mm
Warranty	3 years*

*as per <https://sieraelectronics.com/en/warranty/>