



TWH-81LAX

8 MP Bullet Motorized Varifocal Camera, Colour: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR, Up to 80 m, IP67

8.29 MP high performance CMOS
Auto focus
3840 x 2160 resolution
2.7 ~ 13.5 mm motorized varifocal lens
EXIR 2.0, Smart IR, up to 80 m IR distance
OSD menu, DNR
4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
(IP67)
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Camera	
Image Sensor	8.29 MP progressive scan CMOS
Shutter Time	PAL: 1/12.5 ÷ 1/50, 000 s NTSC: 1/15 ÷ 1/50, 000 s
Resolution	2560 (H) × 1944 (V)
Frame Rate	TVI: 8MP@12.5fps, 8MP@15fps, 5MP@20fps, 4MP@25fps, 4MP@30fps, 2MP@25fps, 2MP@30fps CVI: 8MP@12.5fps, 8MP@15fps AHD: 8MP@12.5fps, 8MP@15fps
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Time	PAL: 1/25 ÷ 1/50,000 s; NTSC: 1/30 ÷ 1/50,000 s
Lens	2.7 ~ 13.5 mm motorized varifocal lens
Horizontal Field of View	108.1° ÷ 45.6°
Lens Mount	Φ14
Day & Night	IR Cut Filter
WDR (Wide Dynamic Range)	Digital WDR, 105 dB
Angle Adjustment	<i>Pan</i> : 0° ÷ 360°; <i>Tilt</i> : 0° ÷ 90°; <i>Rotation</i> : 0° ÷ 360°
Menu	
Day/Night Mode	Auto/Colour/BW (Black and White)
AGC	Yes
White Balance	Auto/Manual
BLC	Yes
dWDR (Digital WDR)	Yes
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR, HLC
Interface	
Video Output	1 HD analog output
Switch Button	TVI/AHD/CVI/CVBS

General	
IR Range	Up to 80 m
Operating Conditions	-40°C ÷ 60°C (-40°F ÷ 140°F), Humidity: 90% or less (non-condensing)
Power Supply	9 ÷ 15 Vdc -A: 9.6 ÷ 14.4 Vdc; 19.2 ÷ 28.8 Vac <i>You are recommended to use one power adapter to supply the power for one camera</i>
Power Consumption	Max 8.6 W -A: Max 10.8 W
Protection Level	IP67
Material	<i>Front cover: Metal</i> <i>Main body: Plastic</i> <i>Bracket: Metal</i>
Dimension	84.5 × 92 × 255.1 mm (3.33" × 3.62" × 10")
Weight	~ 695 g (1.53 lb.)

