



FEATURES

- Max 30fps@1080P
- HD and SD output switchable
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR length 50m, Smart IR
- IP67, DC12V

TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/2.9" CMOS	
	Effective Pixels	1920(H) x 1080(V), 2 MP	
	Scanning System	Progressive	
	Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s	
	Min. Illumination	0.02Lux/F2.0, 30IRE, 0Lux IR on	
	S/N Ratio	More than 65dB	
	IR Distance	Up to 50m (164feet)	
	IR On/Off Control	Auto / Manual	
Lens	R LEDs	1	
	Lens Type	Fixed lens / Fixed iris	
	Mount Type	Board-in	
	Focal Length	3.6mm (2.8mm, 6mm Optional)	
	Max Aperture	F2.0	
	Angle of View	H: 80.8° (106°/51°)	
DORI Distance	Close Focus Distance	800mm (500mm/1900mm) 31.5" (19.7"/74.8")	
	Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.		
		Definition	Distance
	Detect	25px/m (8px/ft)	3.6mm: 57m(187ft) 2.8mm:45m(149ft) 6mm: 86m(281ft)
	Observe	63px/m (19px/ft)	3.6mm: 23m(75ft) 2.8mm:18m(59ft) 6mm:34m(113ft)
	Recognize	125px/m (38px/ft)	3.6mm: 11m(37ft) 2.8mm:9m(30ft) 6mm: 17m(56ft)
Identify	250ppm (76px/ft)	3.6mm: 6m(19ft) 2.8mm:5m(15ft) 6mm: 9m(28ft)	
Pan/Tilt/Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 78° Rotation: 0° ~ 360°		
Video	Resolution	1080P (1920×1080)	
	Frame Rate	25/30fps@1080P, 25/30/50/60fps@720P	
	Video Output	1-channel BNC high definition video output / CVBS video output (Can switch)	
	Day/Night	Auto (ICR) / Manual	
	OSD Menu	Multi-language	
	BLC Mode	BLC / HLC / DWDR	
	WDR	DWDR	
	Gain Control	AGC	
	Noise Reduction	2D	
	White Balance	Auto / Manual	
Smart IR	Auto / Manual		
Certifications	CE	(EN55032, EN55024, EN50130-4)	
	FCC	(CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)	
	UL	(UL60950-1+CAN/CSA C22.2 No.60950-1)	
Interface	Audio Interface	Built-in Mic	
Electrical	Power Supply	12V DC ±25%	
	Power Consumption	Max 2.9W (12V DC, IR on)	
Environmental	Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH * Start up should be done at	
	Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH	
	Ingress Protection & Vandal Resistance	IP67	
Construction	Casing	Aluminium	
	Dimensions	Φ106mm×93.7mm (Φ4.17"×3.69")	
	Net Weight	0.44kg (0.97lb)	
	Gross Weight	6.35kg(14.00lb)	