



INFINITY BMS - 142 - QT

Key Feature

- Max 30fps@4MP
- HD and SD output switchable
- 3.6mm fixed lens (2.8mm, 6mm optional)
- Max. IR length 20m, Smart IR
- IP67, DC12V

Specification

Technical Specification		
Camera		
Image Sensor	1/3" CMOS	
Effective Pixels	2688(H)×1520(V), 4.1MP	
Scanning System	Progressive	
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s	
Minimum Illumination	0.03Lux/F2.0, 30IRE, 0Lux IR on	
S/N Ratio	More than 65dB	
IR Distance	Up to 20m (66feet)	
IR On/Off Control	Auto / Manual	
IR LEDs	12	
Lens		
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: 84.8° (99.7°/52.5°)	
Focus Control	N/A	
Close Focus Distance	1100mm (800mm/2200mm) 43.3" (31.5"/86.6")	
DORI Distance		
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.		
	DORI Definition	Distance
Detect	25px/m (8px/ft)	2.8mm: 63m(208ft)
		3.6mm: 80m(262ft)
		6mm: 117m(385ft)
Observe	63px/m (19px/ft)	2.8mm: 25m(83ft)
		3.6mm: 32m(105ft)
		6mm: 47m(154ft)
Recognize	125px/m (38px/ft)	2.8mm: 13m(42ft)
		3.6mm: 16m(53ft)
		6mm: 23m(77ft)
Identify	250ppm (76px/ft)	2.8mm: 6m(21ft)
		3.6mm: 8m(26ft)
		6mm: 12m(39ft)
Pan / Tilt / Rotation		
Pan/Tilt/Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360°	
Video		
Resolution	4MP (2560×1440)	
Frame Rate	25/30fps@4MP, 25/30fps@1080P, 25/30fps@720P	
Video Output	1-channel BNC high definition video output / CVBS	

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

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)
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Interface

Audio Interface	N/A
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Electrical

Power Supply	12V DC ±25%
Power Consumption	Max 3.2W (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 above -40°C (-40°F)
Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH
Ingress Protection & Vandal Resistance	IP67

Construction

Casing	Plastic
Dimensions	154.3mm×69.8mm×69.8mm (6.07"×2.75"×2.75")
Net Weight	0.15kg (0.33lb)
Gross Weight	0.22kg (0.49lb)

Dimension

