

# HDCD5ML-VMA

5 Megapixel HDCVI IR Eyeball Camera

## Features

- Max. 20fps @ 5MP
- Built-in Mic
- HD-over-Coax / Analog Output Switchable
- 2.7-12mm motorized lens
- Max. IR Length 197ft
- Smart IR
- IP67
- DC12v



Camera	
Image Sensor	1 / 2.7" CMOS
Effective Pixels	2592(H) x 1944(V), 5MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s
Minimum Illumination	0.02Lux / F1.85, 30IRE, 0Lux IR on
S / N Ratio	More than 65dB
IR Distance	Up to 197ft
IR On / Off Control	Auto / Manual
IR LEDs	2

Lens	
Lens Type	Fixed Lens / Fixed Iris
Mount Type	Board-in
Focal Length	2.7-12mm
Max Aperture	F 1.8
Angle of View	H: 98°~34°
Focus Control	Motorized
Close Focus Distance	19.7"

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	
		Wide	Tele
Detect	8px / ft	223ft	650ft
Observe	19px / ft	89ft	259ft
Recognize	38px / ft	46ft	121ft
Identify	76px / ft	23ft	66ft

Pan / Tilt / Rotation	
Pan	0° ~ 360°
Tilt	0° ~ 78°
Rotation	0° ~ 360°

Video	
Resolution	5MP (2592 x 1944)
Frame Rate	20fps @ 5MP, 25/30fps @ 4MP 25/30fps @ 1080P
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	
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 ± 30%
Power Consumption	Max. 8.2W (12V DC, IR on)

Environmental	
Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 95% RH *
Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 95% RH
Ingress Protection	IP67

Construction	
Casing	Aluminium
Dimensions	Φ4.8" x 4.1"
Net Weight	1.26lb
Gross Weight	1.59lb