

C12F2PD02A

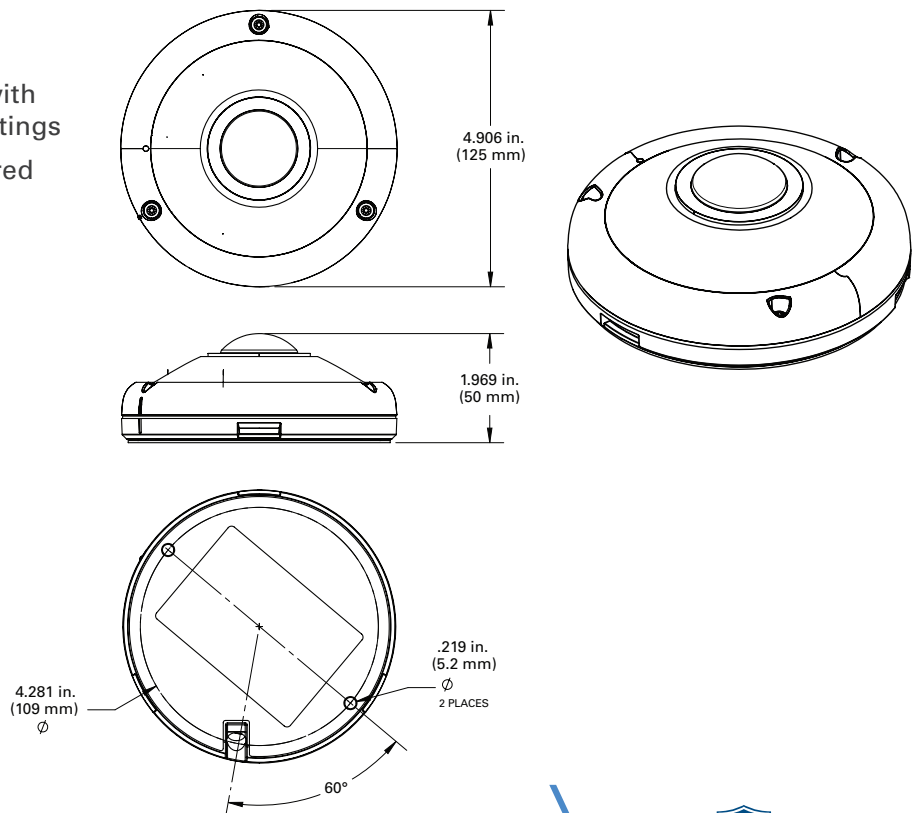
High Definition Interior 360° Fisheye IP Camera

True day/night interior, 360° fisheye camera with built-in microphone for mobile video surveillance.

The C12F2PD02A High Definition Interior 360° Fisheye IP Camera is the ideal choice for providing high-definition images in interior vehicle applications. The camera comes with a built-in microphone and PoE power to simplify installations. The wide field-of-view helps to reduce blind spots and increase coverage. The camera offers true day/night functionality and built-in infrared illuminators to capture images in low light scenarios to ensure high image quality even in the most challenging environments. Tri-streaming capability allows users to easily configure and optimize bandwidth and storage settings according to needs. Users can configure the camera to generate up to three separate streams simultaneously.



- 9.0MP resolution
- Advanced video compression technologies with tri-streaming capability with independent settings
- True day/night functionality and built-in infrared illuminators for capturing images in various lighting scenarios
- Built-in microphone
- Simplify the installation with PoE
- Low-profile, rugged design
- IP66 and IK09 rating



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C12F2PD02A

High Definition Interior 360° Fisheye IP Camera

Camera	
Sensor	12MP 1/1.7" CMOS
IP Compression/Standard	H.265/H.264/MJPEG
Maximum Resolution	9MP (3008x3000)
Supported Resolutions	H.264: 3008x3000 / 2800x2800 / 2048x2048 / 1600x1600 / 640x640 / 320x320
Frame Rate	1 FPS ~ 30 FPS
S/N Ratio	50dB
Electronic Shutter	1/15s ~ 1/32000sec
Regulatory	FCC, RoHS, WEEE, EN50155
Lighting Performance	
Wide Dynamic Range	Supports Digital-WDR
Digital Noise Reduction	3D
Day/Night	Electro-mechanical IR cut filter with auto switch
White Balance	Yes, Auto (ATW 2500K ~ 10000K)
Active Gain Control	Yes, Auto
Color Sensitivity	0.3Lux (F2.2, 30IRE)
B/W Sensitivity	0Lux (F2.2, 30IRE)
IR Range	Up to 55 ft
Housing	
Camera Type	Low Profile Fisheye Camera
Ratings	IP66 & IK09
Lens	
Type	Fixed Focal Length
Focal Length	2.1mm
Viewing Angles	185° (H) x 185° (V) x 185° (D)
Power	
Power Consumption	DC 12V Max 8.5W / PoE Max 10W
PoE Standard	PoE (802.3af Class 3)
Network	
Bitrate Control	CBR/VBR (H.264/H.265: 1Mbps-25Mbps) VBR, MJPEG
Network Protocols	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF

ONVIF Compliance	ONVIF (Profile S)
Audio	
Compression Format	G.711
Built-in MIC	
Mechanical/Environmental	
Dimensions	125 x 50mm / 4.906 x 1.969 in
Weight	1.1 lbs (500g)
Operating Temperature	-20°C to +50°C (-4°F to 122°F)
PoE & IP Audio	RJ45
Ordering Information	
C12F2PD02Axx	360° Fisheye IP Camera, 9MP, 2.1 mm lens size, PoE, white, interior, audio - to use with TH8, NH16K and NH16 DVRs

Adding the suffix XX to the part number represents inclusion of a CAT6 camera harness with the corresponding lengths as follows:

- 20 = 20 ft
- 50 = 50 ft
- 75 = 75 ft