

HD1QxxAI2 Series

High-Definition Interior Dome Camera

HD1Q High-Definition, Low-Profile Dome Camera

Capture the views you need, day or night with this high-resolution camera. Depend on the HD1Q camera series in a variety of lens options to fulfill all interior vehicle applications.



Compatible with all TH, DH, & NH16 Series Recorders

■ Sharper Images even in Low Light

Capture high-definition images in 720p resolution with infrared LED, WDR and back-light compensation for challenging light conditions.

■ Smaller Footprint

The low-profile dome housing allows for more discreet placement to better blend with vehicle decor.

■ Adaptability for Different Scenarios

Mount the camera directly to interior surfaces or use a compatible mounting post for forward-facing applications.

Key Features



720p progressive scan resolution



Supports infrared illumination for improved night vision



Low-profile, vandal resistant housing



WDR/back-light compensation improves image quality in high contrast conditions



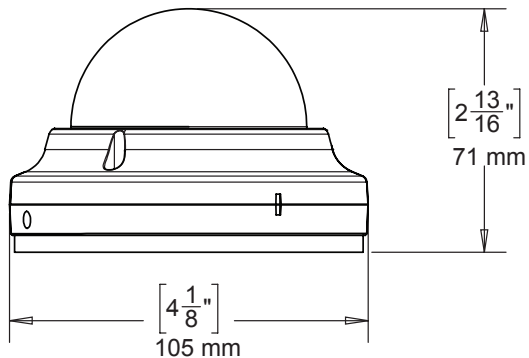
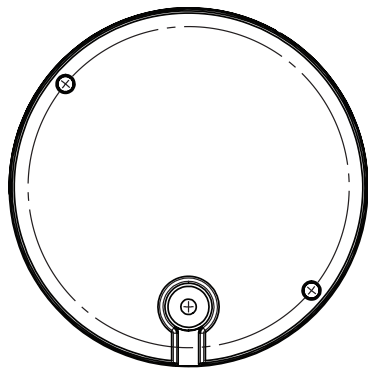
High-fidelity audio

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HD1QxxAI2 Series

High-Definition Interior Dome Camera



Mechanical	
Enclosure Material	Die-cast Aluminum (Powder-Coated)
Viewing Window	Polycarbonate
Gimbal	Rotate: 360°, Pan: 360°, Tilt: 70°
Dimensions	Height 2.8" (71 mm); Diameter 4.13" (105 mm)
Weight	346g (0.763 lbs)
Optical	
Image sensor	1/3" CMOS 1MP (720p)
True Day/Night	IR cut filter
Shutter speed	1/30 ~ 1/30,000
Main Stream Resolution	720p 30fps AHD 1.0 (16:9 aspect ratio)
Electrical	
S/N ratio	40 dB
Camera Sensitivity	0.1 Lux (F2.0) at Color 0 Lux (with IR LEDs ON) at (B/W)
Backlight Compensation	TWDR 120dB
IR*	8 LEDs (On/off by DVR OSD MENU), 30ft distance
Power Consumption	0.9W (LED's OFF), 1.5W (LED's ON)
Voltage Range	9 to 14VDC
Environmental	
Environmental Rating	IP54
Operating Temperature	-4 to 122°F (-20 to 50°C)

Available Lenses	
Focal length	H / V
02 = 2.6mm	102°/54°
04 = 3.6mm	81°/43°

Ordering Information	
HD1Q02AI2	Mini Dome Interior Camera /w Audio, 720P, AHD, True D/N, IR, 2.6mm lens, White
HD1Q04AI2	Mini Dome Interior Camera /w Audio, 720P, AHD, True D/N, IR, 3.6mm lens, White
HD2Q-MP4A30	HD2Q and HD1Q0xAI2 mounting post, 4 inch, 30 degree angle
HD2Q-MP6A30	HD2Q and HD1Q0xAI2 mounting post, 6 inch, 30 degree angle

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

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

* IR LED's are permanently enabled to automatically turn ON or OFF depending on lighting conditions. IR LED's cannot be disabled

1232-HD1Q-SS-ST-092821

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