

HD1QxxAI 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 up to 720p resolution with infrared LEDs and WDR 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.

■ Easy to Install

Simple plug and play installation with no complicated programming.

Key Features



720p progressive scan resolution



Low-profile, vandal-resistant housing



Infrared LEDs to see in low light



True Day/Night Operation



Back-light compensation improves image quality in high contrast conditions



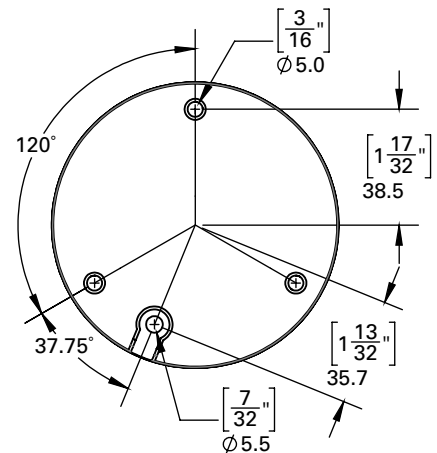
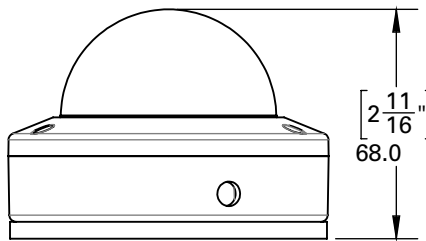
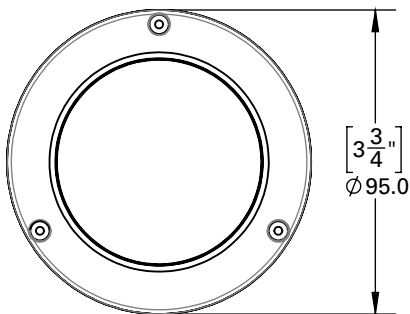
High-fidelity audio

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High-Definition Interior Dome Camera



Unless otherwise noted dimensions are in mm

Mechanical	
Enclosure Material	Solid aluminum alloy
Dome Material	Impact-resistant polycarbonate, anti-glare, scratch-resistant hardcoating, UV protected
Gimbal	Rotate: 360°, Pan: 360°, Tilt: 70° (assuming included Shim Kit is used)
Dimensions	95 x 67 mm
Weight	0.52 lbs (240g)
Optical	
Image sensor	1/3" CMOS 1.3MP
True Day/Night	IR cut filter
Shutter speed	Auto
Main Stream Resolution	720p (16:9 aspect ratio)
Electrical	
S/N ratio	>55dB
Camera sensitivity	Color: 0.1 lux (F2.0) B&W, IR LED on: 0 lux
Backlight Compensation	D-WDR On/off (OSD MENU)
IR	12 LEDs (5mm), On/Off by DVR OSD MENU
Power consumption	1 W (IR off); 2 W (IR on)
Voltage Range	12 VDC ± 10% (powered by DVR)
Transient Protection	1.5 kW
Environmental	
Environmental rating	IP54
Operational Temperature	-20 to 50°C (-4 to 122°F)

Available Lenses

Focal length	H / V
02 = 2.6mm	102°/55°
04 = 3.6mm	72°/41°

Ordering Information

HD1Q02AI	Mini Dome Interior Camera /w Audio, 720P, AHD, True D/N, IR, 2.6mm lens, White
HD1Q04AI	Mini Dome Interior Camera /w Audio, 720P, AHD, True D/N, IR, 3.6mm lens, White
HD1Q-MP4A30	HD1QxxAI mounting post, 4 inch, 30 degree angle
HD1Q-MP6A30	HD1QxxAI mounting post, 6 inch, 30 degree angle

Adding the suffix XX to the 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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