

HD3U

High-Definition Interior Ultra-Wide Camera

Capture a wider field of view with sharper, more detailed images with this high-definition camera. See the full length of the bus for cross-view applications, capturing both the stepwell and driver view in a single view, day or night.



1080P AHD output mode supported with all H-Series Recorders, except for TH4 and TH4C

■ Sharper Images even in Low Light

Capture high-definition images in 1080p resolution with 4 infrared LEDs, for challenging light conditions.

■ Small Footprint. Wide Views

This camera may be small in size, but delivers an ultra-wide 174° horizontal field of view of the full length of the vehicle interior.

■ Easy Install

Simple to install, aim and position, with no complicated programming or IP networking required.

Key Features



1080p progressive scan resolution



True Day/
Night Operation



Infrared LEDs to see in low light



High-fidelity audio



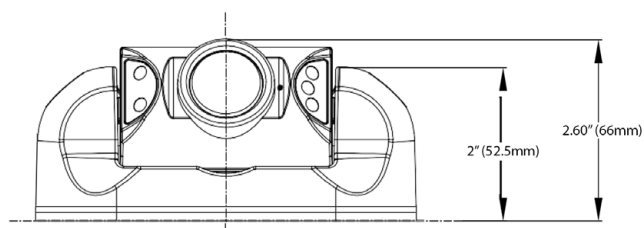
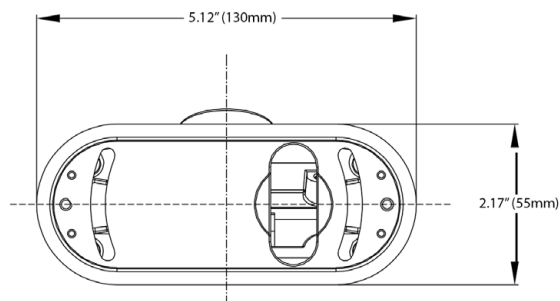
Ultra-Wide viewing angle

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HD3U

High-Definition Interior Ultra-Wide Camera



Mechanical/General

Enclosure Material	Die-cast Aluminum (Powder-Coated)
Viewing Window	Polycarbonate
Maximum Dimensions (H x W x D)	2.60" x 5.12" x 2.17" (66mm x 130mm x 55mm)
Weight (including mounting plate)	13.8oz (390g)

Optical

Image sensor	1/2.8" CMOS 2MP (1080P)
Lens	1.87mm (F2.0)
FOV	H:174°, V:96°
True Day/Night (TDN)	IR cut filter
Shutter speed	1/30 ~ 1/50,000
Resolution / Video Format	AHD Mode (Default): 1080p (1920x1080) SDA Mode: 500 TVL
Framerate	30 FPS (DVR model dependent)

Electrical

S/N ratio	≥48dB
Camera Sensitivity	0.01Lux at (F2.0, AGC ON), 0 Lux with IR
Backlight Compensation	True WDR
IR	4 LEDs 30ft distance
Maximum Power Consumption	IR Off = 1.4W, IR On = 3.6W
Input Voltage Range	7 to 16V DC
Transient Protection	IEC 61000-4-2 : Contact +/- 8kV, Air +/- 15kV

Environmental

Environmental Rating	IP67
Operating Temperature	-22 to 122°F (-30 to 50°C)
Storage Temperature	-40 to 158°F (-40 to 70°C)

Ordering Information

Model	Description
HD3U01A12	Interior Ultra-Wide Camera, 1.87mm Lens, Audio, IR

1350-HD3U-SS-SB-082426

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