

HD3U

High-Definition 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.



Works 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 171° 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

Mechanical/General	
Enclosure Material	Die-cast Aluminum (Powder-Coated)
Viewing Window	Polycarbonate
Bracket Material	SUS304
Dimensions (H x W x D)	Height 53.55mm; Width 68.60mm; Depth 63.74mm (with Bracket)
Weight (including bracket)	177g
Optical	
Image sensor	1/2.8" CMOS 2MP (1080P)
Lens	1.72mm (F2.0)
FOV	H:171, V:88
True Day/Night (TDN)	IR cut filter
Shutter speed	1/30 ~ 1/50,000
Resolution / Video Format	1080p 30fps* AHD 2.0 (16:9 aspect ratio) *TH6 supports a maximum of 15 fps
Electrical	
S/N ratio	≥ 46db (SNR1 lux: 0.23lx)
Camera Sensitivity	0 Lux (with IR) at TDN (B/W)
Backlight Compensation	DWDR
IR	4 LEDs 30ft distance
Power Consumption	IR Off = 1.4W, IR On = 4.2W
Voltage Range	9 to 14 VDC
Transient Protection	1.5 kW
Environmental	
Environmental Rating	IP67
Operating Temperature	-4 to 122°F (-20 to 50°C)

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