

HD1W

High-definition Wedge Camera

Capture Details Outside the Vehicle

This high-definition camera captures the finer details outside the vehicle supporting 720p resolution recording at the highest frame rates. Infrared illumination improves view in low-light conditions while the rugged IP-67 rated housing stands up in any weather condition.



Works with: TH4/TH4C DVRs

Superior Image Clarity

Capture high-definition images in up to 720p resolution outside the bus.

Easy to install

Simple plug 'n play installation with no complicated programming.

Durable & Vandal-resistant

IP67-rated aluminum housing stands up in severe weather conditions.

Key Features

- 720p progressive scan resolution
- Supports True Day/Night operation in addition to anti-glare protection and scratch resistant camera window
- Supports infrared illumination for low light conditions
- Select back light compensation or wide dynamic range settings
- Local video output connector for quick set up and camera aiming
- Rugged, IP67 weather-proof and vandal resistant metal housing
- Standard mounting base for traditional side of bus or mounting post available for forward facing applications

Mechanical/General

Enclosure Material	Solid aluminum alloy, powder coated
Viewing Window	Impact-resistant polycarbonate, scratch-resistant UV protected
Mounting Options	Surface or mounting post
Wiring Options	20'(6m), 50'(15m), 75'(23m)
Gimbal	Rotate: 360°, Pan: 7.5°, Tilt: 10 ~ 37.5°
Dimensions (WxLxH)	3.45 x 5.16 x 3" (88 x 131 x 78 mm)
Weight	1.22lb (554g)

Electrical

Resolution	Main Stream: 1280x720 (720p), 16:9 aspect ratio Second Stream: 320x180, 16:9 aspect ratio
Camera Sensitivity	0.7 lux at F2.0, 0 lux IR on at TDN (B/W), 0 lux (IR on)

Backlight Compensation (BLC)	On/off
Wide Dynamic Range (WDR)	
IR	4 LEDs - On/off
Power Consumption	5.2 W (max.)
Voltage Range	9 to 14 VDC (powered by DVR)
Transient Protection	1.5 kW

Environmental

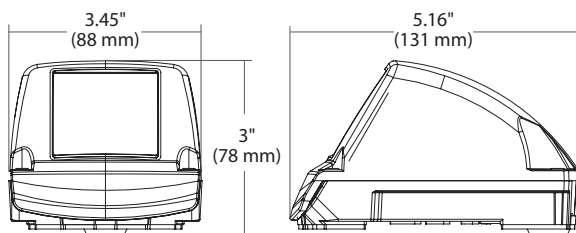
Environmental Rating	IP67
Operating Temperature	-40 to 122°F (-40 to 50°C)

Approvals

Emissions	FCC
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Available Lenses

Code	Size (mm)	F-stop	Viewing Angle (v)	Viewing Angle (h)
03	2.8	F2.0	56°	99°
04	3.6	F2.0	42°	77°
06	6.0	F2.0	26°	47°
16	16.0	F2.5	10°	17°
25	25.0	F2.5	6°	11°



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