

CHW8

High-definition Outdoor Wedge Camera

CHW8 HD Wedge Stop-arm/Windshield Bus Camera

A ground-breaking development in mobile camera resolution, the CHW8 next-generation camera uses progressive scan technology to deliver a clear, crisp high-definition image with up to 6x the resolution of a typical analog camera – for applications where picture quality is paramount, such as license plate capture, forward facing camera recording and zooming in to find detailed video evidence.



Works with: Explorer® DX-HD; 720P / 1080p / 3MP resolution
Trooper® TL-HD; 720P resolution

Catch Stop-arm Violators in Action

Zero in on vehicle license plates using the 8 mm lens.

Perfect Camera for Accident Reconstruction

Get a superb wide-angle view of the road ahead with the 3.6 mm lens.

Up to 6x the Resolution of a Typical Bus Camera

Get crystal clear image quality using progressive scan technology.

Resolutions: 720P, 1080P; 16:9 aspect ratio

Lens Code	Size (mm)	F-stop	H	V
04	3.6	1.8	68°	36°
06	6.0	1.8	43°	24°
08	8.0	1.8	31°	18°

Resolution: 3MP; 16:9 aspect ratio

Lens Code	Size (mm)	F-stop	H	V
04	3.6	1.8	83°	44°
06	6.0	1.8	53°	28°
08	8.0	1.8	38°	20°

Resolution: 3MP; 4:3 aspect ratio

Lens Code	Size (mm)	F-stop	H	V
04	3.6	1.8	72°	53°
06	6.0	1.8	46°	34°
08	8.0	1.8	34°	25°

Key Features

- 720p / 1080p / 3MP (selectable) progressive scan resolution
- Available in 3.6, 6, and 8 mm lens for wide-angle to telephoto coverage
- Local video out connector for quick set-up of field of view and focus of the camera
- Rugged, IP67 weather-proof, and vandal-resistant metal housing
- Features a 350° rotating gimbal for vertical and angular mounting
- Mounting post available

Mechanical/General

Enclosure Material	Solid aluminum alloy, powder coated
Viewing Window	Impact-resistant polycarbonate, scratch-resistant UV protected
Mounting Options	Ceiling- or wall-mount
Wiring Harness	Standard 20' (6 m) harness for video & power
Gimbal	Rotate: 350°, Pan: 15°, Tilt: 30°
Dimensions (WxLxH)	3.45 x 5.16 x 3" (88 x 131 x 77 mm)
Weight	1.2 lbs (0.55 kg)

Electrical

Resolution	1280x720 (720p), 1920x1080 (1080p), 2304x1296 (3MP: 16x9), 2048x1536 (3MP: 4x3), Progressive Scan
Camera Sensitivity	0.5 lux @ F1.8 (0.3 lux BW @ F1.8)
Power Consumption	8 W (max.)
Voltage Range	9 to 14 VDC (powered by DVR)
Transient Protection	1.5 kW

Environmental

Environmental Rating	IP67 (outdoor, high-pressure, water-resistant)
Operating Temperature	-40 to 122°F (-40 to 50°C)

Approvals

Emissions	FCC
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