

CHW8PD

High-Definition IP Wedge Camera

CHW8PD Superior Image Clarity Outside the Vehicle

A ground-breaking development in mobile camera resolution, the CHW8PD 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. Suitable for applications where picture quality is paramount, such as license plate capture, forward facing camera recording and zooming in to find detailed video evidence. The CHW8PD uses Powered over Ethernet (POE) technology for direct connection to the Safe Fleet NX16 Hybrid NVR.



Works with HX16, NX16, DH6*, DH8*, TH8*, NH16k and NH16 Recorders

*48V DC PoE Injector required (PN TH8POEKIT48)

■ Superior Image Clarity

720p/1080p/3 MP progressive scan technology for detailed applications such as license plate capture.

■ Easy to install

Plug and play installation with (POE), eliminating the need to run separate power wiring.

■ Durable & Vandal-resistant

Weatherproof and vandal-resistant housing, protection against the harshest outdoor conditions.

Key Features



720p / 1080p / 3MP (selectable) progressive scan resolution



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



Available in 3.6, 6, and 8 mm lens for wide-angle to telephoto coverage



Mounting post available



Power over Ethernet (POE) directly from DVR

1.877.630.7366
safefleet.net

SAFE  FLEET
Driving Safety Forward™

CHW8PD

High-Definition IP Wedge Camera



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°

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 Options	20' (6m), 50' (15m) or 75' (22.5m) network cable options
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)
Backlight Compensation (BLC)	On/off
Power	POE 802.3af (powered by DVR), 8 W max
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
-----------	-----

1229-CHW8PD SPEC SHEET-SS-ST-122123

Copyright ©2023 Safe Fleet and its subsidiaries. All rights reserved. No part of this publication may be reproduced by any means without written permission from Safe Fleet. The information in this publication is believed to be accurate. However, Safe Fleet does not make any representation or warranty to that effect and does not assume responsibility for any consequences resulting from use of such information. Revisions or new editions of the publication may be issued (or not issued) in our discretion to incorporate such changes.

1.877.630.7366
safefleet.net

SAFE FLEET
Driving Safety Forward™