

Vulcan™ Series IPWS4000 ▼ 4.0mm 1080P Windshield Camera

CAMERA FEATURES

Mounted to the interior surface of the vehicle's windshield, facing out, the IPWS4000 Windshield Camera captures IP clarity of the view through the windshield and audio inside the cab. The lens is equipped to optimize light for image capture and can be adjusted at installation for the ideal angle.

DIMENSIONS

- Height: 4.79 inches
- Width: 2.95 inches
- Depth: 1.54 inches
- Weight: .47 pounds

LENS

- 4.0mm focal length
- 2MP
- 1/2.8" CMOS sensor
- M12 fixed aperture F1.8

MINIMUM ILLUMINATION

- Color: 0.05 Lux, F1.2

IMAGE CONTROL

- Digital Wide Dynamic Range (WDR) ≥80dB
- White Balance
- Automatic Gain Control
- Back Light Compensation (BLC)

ELECTRONIC SHUTTER

- 1/30s - 1/10,000s

SIGNAL TO NOISE RATIO

- S/N ≥48dB

COMPRESSION OUTPUT RATE

- 512Kbps-8Mbps

VIDEO COMPRESSION

- H.264

IMAGE RESOLUTION

- NTSC: 1920 x 1080

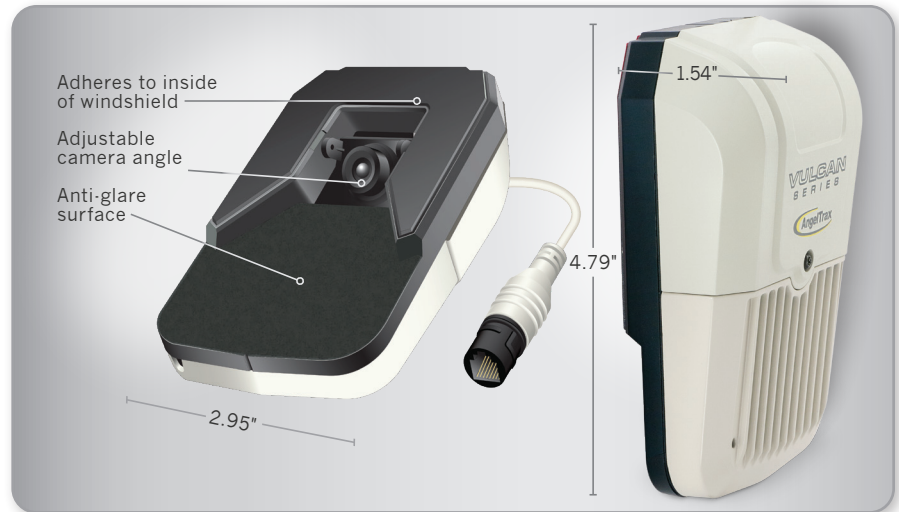


IMAGE FRAME RATE

- Main Stream: 1080P (720P optional) @ 30fps
- Sub Stream 1: VGA/WD1/D1/QVGA/CIF @ 15FPS
- Network transmission stream: dynamic (adaptive)

NETWORK PORT

- 10M/100M adaptive Ethernet port

NETWORK PROTOCOL

- TCP/IP, HTTP, DHCP, RTSP, NTP, FTP

AUDIO

- G.711A/G.711U/ADPCM
- Noise-gated microphone

INSTALLATION

- Adheres to the front windshield (Glass slope is 19° to 90°)

OPERATING CONDITIONS

- -40°F ~ +158°F (-40° C ~ +70°C)

POWER INPUT

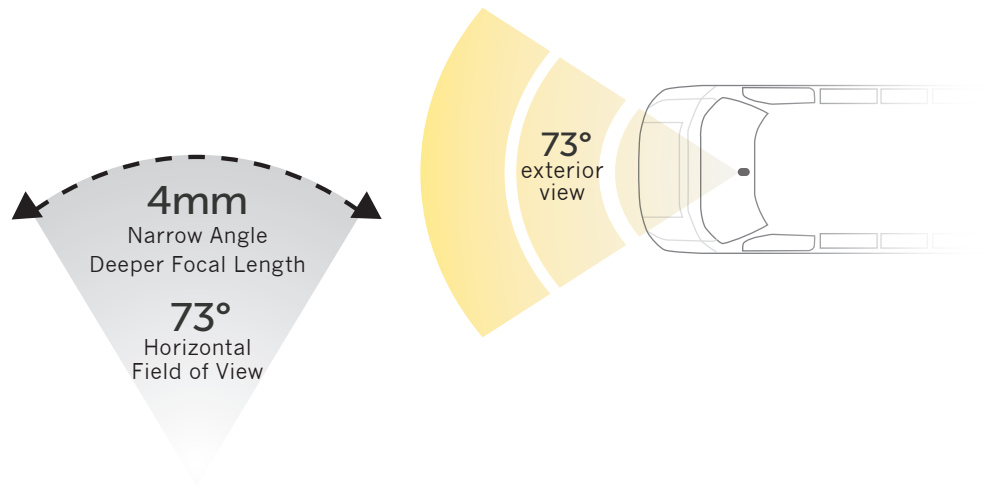
- PON (DC 12V)

POWER CONSUMPTION

- <2W

HOUSING/CASING MATERIAL

- Aluminum alloy
- Anti-vibration
- Vandal-resistant



Specifications, features and applications of use are subject to change without notice. ▼ 02/2026 B