

Vulcan™ Series IPX40V2 ▼ 4mm Lens, 4MP Exterior IP Camera

CAMERA FEATURES

The IPX40V2 exterior camera from AngelTrax features a lens housing that is adjustable vertically at installation to obtain the desired views of the vehicle's exterior and surrounding views. Equipped with infrared, automated white balance and digital noise reduction, the IPX40V2 camera is capable of capturing astonishingly clear images day or night. The IPX40V2 is compatible with Vulcan Series MDVRs and HCNVRs.

DIMENSIONS

- Height: 1.8 inches
- Width: 3.5 inches
- Length: 3.4 inches

LENS

- 4mm focal length
- 4MP
- 1/3" H4M pixels CMOS sensor
- M12, fixed aperture F1.8

FIELD OF VIEW

- Horizontal: 86°
- Vertical: 46°
- DFOV: 97°

MINIMUM ILLUMINATION

- Color: 0.05 Lux
- IR on: 0 Lux

INFRARED

- Range: 32~49 feet

IMAGE CONTROL

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

ELECTRONIC SHUTTER

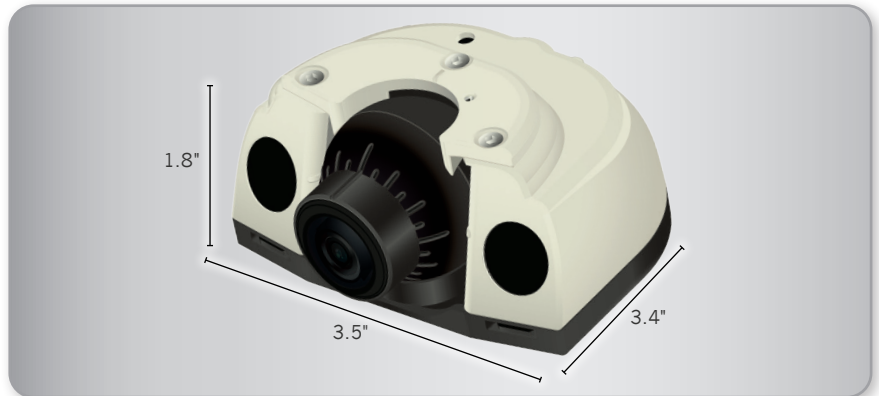
- 1/30s - 1/10,000s

SIGNAL TO NOISE RATIO

- S/N ≥50dB

COMPRESSION OUTPUT RATE

- 512Kbps-12Mbps



VIDEO COMPRESSION

- H.264/H.265

IMAGE RESOLUTION

- NTSC: 2688 x 1520

IMAGE FRAME RATE

- Main Stream: H4MP (1080P optional) @ 30fps
- Sub Stream: CIF (D1, VGA optional) @ 15fps
- Network Stream: CIF @ 15fps

NETWORK PORT

- 10M/100M adjustable Ethernet port

NETWORK PROTOCOL

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

OPERATING CONDITIONS

- -40°F ~ +158°F (-40°C ~ +70°C)
- 0% - 90% humidity

WATERPROOF LEVEL

- IP67

POWER CONSUMPTION

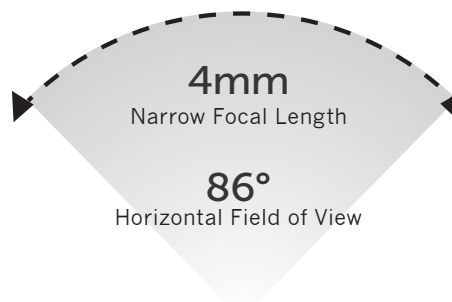
- IR ON: <3.5W (night)
- IR OFF: <1.5W (day)

POWER INPUT

- PON (DC 9~16V)

HOUSING/CASING MATERIAL

- Aluminum alloy
- Anti-vibration
- Vandal-resistant



Specifications, features and applications of use are subject to change without notice. ▼ 5/2026 A