

## Vulcan™ Series IPI18V2 ▼ 1.8mm Lens, 4MP Interior IP Camera

### CAMERA FEATURES

The IPI18V2 interior camera from AngelTrax features a lens housing that is adjustable vertically at installation to obtain wide angle views of the vehicle's interior and passengers. Equipped with infrared, automated white balance and digital noise reduction, the IPI18V2 camera is capable of capturing astonishingly clear images day or night. The IPI18V2 is compatible with Vulcan Series MDVRs and HCNVRs.

#### DIMENSIONS

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

#### LENS

- 1.8mm focal length
- 4MP
- 1/3" H4M pixels CMOS sensor
- M12, fixed aperture F1.8

#### FIELD OF VIEW

- Horizontal: 163°
- Vertical: 91°
- DFOV: 185°

#### MINIMUM ILLUMINATION

- Color: 0.05 Lux
- IR on: 0 Lux

#### INFRARED

- Range: 16~26 feet

#### IMAGE CONTROL

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

#### ELECTRONIC SHUTTER

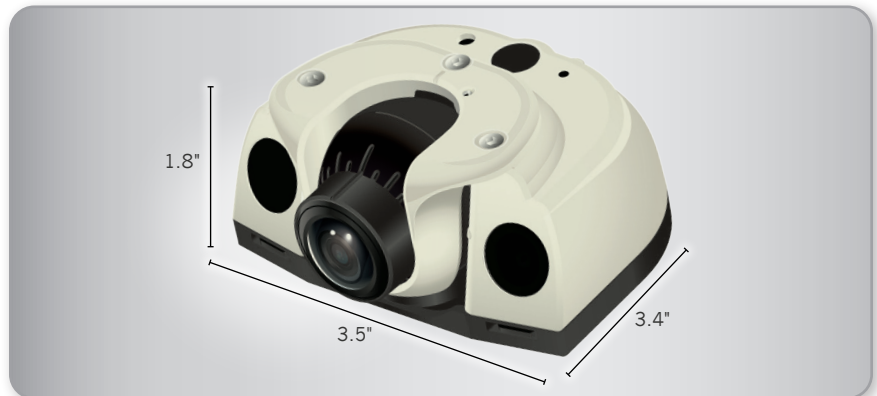
- 1/30s - 1/10,000s

#### SIGNAL TO NOISE RATIO

- S/N ≥50dB

#### COMPRESSION OUTPUT RATE

- 512Kbps-8Mbps



#### 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

#### AUDIO

- Audio Input: built-in vehicle-grade, audio pickup
- Compression Standard: G.711A (default); G.711U, ADPCM (optional)
- Collection Distance: 16 feet (max)

#### OPERATING CONDITIONS

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

#### WATERPROOF LEVEL

- IP65

#### POWER CONSUMPTION

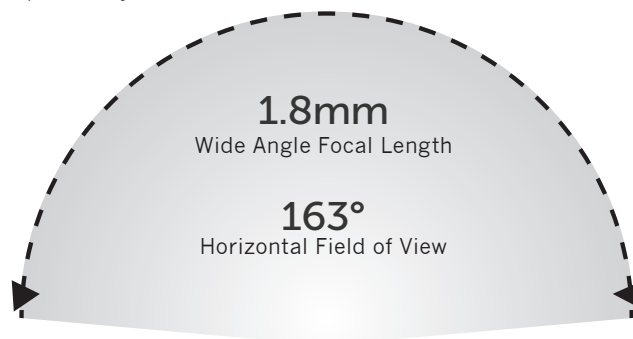
- IR ON: <3.5W (night)
- IR OFF: <1.5W (day)

#### 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