# Vehicle Video Camera

auto⊙eye**Xpert**

## PRO SERIES
# External 1080P Mini Side View Camera
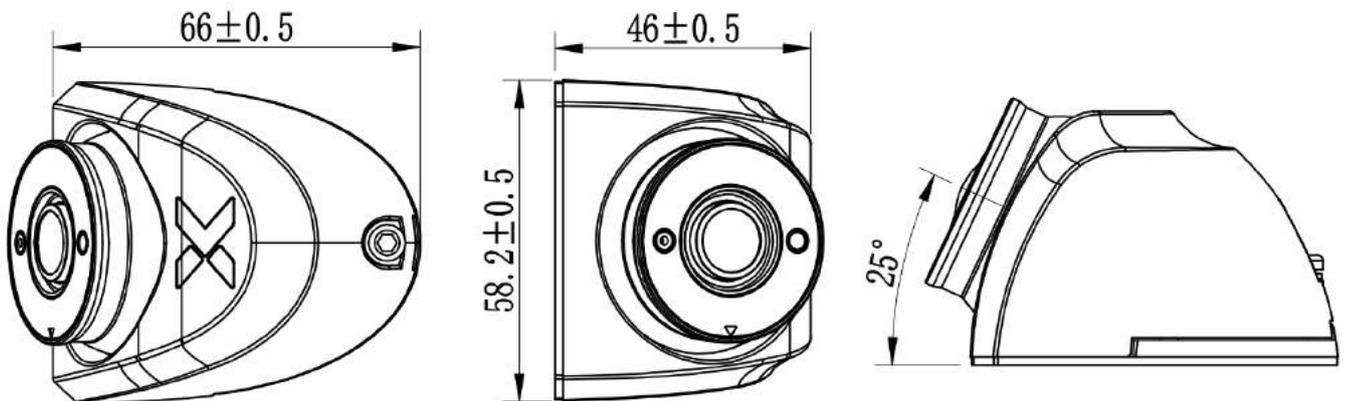
Part number: AEX-ST-VMC-C39S

### DESCRIPTION

The AEX-ST-VMC-C39S camera is designed for external mounting on the side of vehicles, typically around the wings, fenders, over wheel arches etc. It is a PON network camera which connects to the AutoEye Xpert Pro Series of digital video recording units. The camera provides 1080P resolution at up to 30 frames per second, and includes infra red LED's for illumination in dark or low-light conditions. It is extremely robust with an IP69K rating for ingress and impact protection. It is ideal for vehicles such as HGV's and vans, but is small enough to also find use on pickup trucks and smaller vehicles.
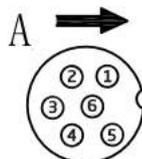
### KEY FEATURES

- 1/2.9" CMOS imaging target
- Resolution : 1920H*1080V
- Minimum illumination : 0 lux (infrared on); 0.1 lux (infrared off)
- Automatic electronic shutter, automatic exposure, automatic white balance
- Infrared distance : 5-10M
- Waterproof grade: IP69K
- Compact structure, easy to install, and meet the requirements of vehicle seismic design



### PRODUCT DIMENSIONS



66±0.5  46±0.5  58.2±0.5  25°

### VIDEO OUTPUT LINE INTERFACE



**1** TXN-  **2** TXP+  **3** 12DC(+)
**4** RXN-  **5** RXP+  **6** GND

# Specification

| MODEL | AEX-ST-VMC-C39S |
|---|---|
| **Product Number** | C39 |
| **Imaging Device** | 1/2.9" 2.0 Mega Progressive Scan CMOS |
| **Resolution** | 1920H x 1080V |
| **Minimum Illumination** | 0 lux (infrared on); 0.1 lux (infrared off) |
| **Signal to Noise ratio** | ≥ 48dB |
| **Electronic Shutter** | 1/30 second - 1/10000 second |
| **Day and Night Switching Mode** | Switch IR-CUT day and night |
| **Audio Input** | No audio |
| **Network Interface** | 10M/100M adaptive Ethernet port (6PIN aviation head) |
| **Network Protocol** | HTTP, TCP, RTSP, UDP, RTCP, SMTP, DHCP |
| **N9M** | Support |
| **Client Preview** | Support IE browser access (plug-ins need to be downloaded from the official website) |
| **Lens** | 2.2mm M12@F2.0, Field of View: HFOV: 135° VFOV: 76°D FOV: 168° |
| **Infrared Distance** | 5-10m (2 dots matrix sign) |
| **Video Compression Standard** | H.264 |
| **Power Supply** | PON(DC12V) |
| **Compressed Output Bit Rate** | 32Kbps-6Mbps |
| **Image Resolution** | Main stream: 1080P@30FPS<br>Sub Stream: VGA/D1/CIF@15FPS<br>Network transmission code stream: CIF@10FPS (code rate adaptive) |
| **Tail Line** | 6 core aircraft head |
| **Power Consumption (max)** | < 1.5w (IR off) <3w (IR on) |
| **Operating Temperature** | -40°C to +70°C |
| **Working Humidity** | 0% to 90% |
| **Protection Class** | IP69K |
| **Installation Method** | Side mount |
| **Product Size** | 66mm (L) x 58.2mm (W) x 46mm (H) |
| **Product Weight** | About 205g |