

# Electronic Rear View Mirror Specification

## Mirror Cam & A-pillar Screen



Long arm type for truck



Short arm type for buses



Vertical A-pillar display

## Electrical specifications

Screen Size	12.3 寸	AUO TFT-LCD
Dimension	337.7(L) * 155(W) * 117.7(H)	mm
Resolution	1920 RGB(H) * 720(V)	
Angle of View	Vertical & horizontal 140°~160°	
Aspect Ratio	8:3	
Brightness	700 cd/m2	
Contrast	1000:1	
Color	16.7 M Colors	
Shell Material	PC+ABS plastic injection molding	Flame resistance UL94
Support Material	Aluminum alloy-die casting, 304 stainless steel-stamping	
Glass Material	Silica glass	
Glass Type	Flat glass	
Panel Buttons	5 mechanical buttons	Pressing 20,000 times does not affect the use function
SD Card Interface	1 SD card interface	Driving record and system upgrade
Power Connect	Car power supply (fuse box)	Dedicated in-vehicle connection seat docking
Connector	13mm Aviation connector	
Operating Voltage	(B+ : +12/24V · ACC : +12/24V)	9~36V
Maximum Current	< 2.3A@12V	
Standby Current	< 5mA	
Overvoltage and Overcurrent Protection	V	Wire Fuse
Reverse Voltage Protection	V	
WIFI	IEEE 802.11	Optional
Blind Spot Camera Below A-pillar (V)	1920*1080 · 140°	Blind area under A-pillar
Long-range Camera (II\IV)	1920*1080 · 130°	Distant view
Sensor Type	CMOS	1/3 英寸
Sensor Resolution	1920 (H) * 1080 (V)	

Image processing system ISP	WDR/HDR, Image distortion correction	
Screen Brightness is Automatically Adjusted	V	Automatic dimming according to ambient light
LED Automatic Control	V	Automatic dimming by the original car lights
Reverse Response Time	<3s	Automatically display by the reversing signal (optional)
Operating Temperature	-30°C~+70°C	AUC
Storage Temperature	-40°C~+85°C	
Storage relative humidity	0%~90%	

## Functional Requirements

Features	Brief Introduction
Blind Area Display Assist	<ol style="list-style-type: none"> <li>1. Solve the blind area of the front A-pillar and expand the field of vision.</li> <li>2. Reduce the impact of blind spots when vehicles turn or change lanes.</li> <li>3. The lens is rain-proof and dust-proof, and does not stick to water drops.</li> <li>4. WDR/HDR imaging technology, correct the color and clearly restore the driving environment under various exposure situations.</li> <li>5. Synchronous image transmission, no delay display, real-time synchronous transmission of the distant view and the blind area below the A-pillar.</li> </ol>
HD Night Vision	<ol style="list-style-type: none"> <li>1. Night is like daytime, anti-glare and anti-glare.</li> <li>2. High-definition starlight color night vision to solve the problem of blurred images when the light is insufficient at night.</li> <li>3. Anti-glare night vision technology to solve the problem of overexposure of images illuminated by strong backward light.</li> </ol>
Automatic brightness Automatic fill light	<ol style="list-style-type: none"> <li>1. According to the ambient light, the screen self-adjusts the backlight brightness to avoid glare at night.</li> <li>2. Lens fill light control, which can be activated with the lamp status (can be cancelled).</li> <li>3. The lens is waterproof and dustproof design.</li> </ol>