



Choose Top Technology, Choose Sharpvision



ALL FOR SAFETY



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## Product Catalog

- ▶ Automobile Electronics
- ▶ Security And Protection
- ▶ Image Processing Series
- ▶ Accessories



ISO 9001:2008  
ISO/TS16949:2009

# Company Profile

## ▶ We are manufacturer

Sharpvision Co., Ltd is a professional manufacturer of surveillance and rear vision products, which currently ranks among the world's biggest suppliers for rear view products.

Established in 2003, Sharpvision is located in Tianhe District, Guangzhou. Staffed with over 300 employees, it is certificated of ISO9001:2008 and ISO/TS 16949:2009 quality management systems. Backed up by a complete set of quality inspection equipments and management systems, sharpvision holds on to the belief that quality is the assurance of enterprise life.



R&D



Sales Team



Reception



Manufacturing Plant



Administration Dept.



Function and Design Patent



IP69K



RoHS



E-MARK



FCC



ISO 9001:2008



ISO/TS 16949:2009



e24



CE



Design Patent



High-tech Enterprise

## ▶ Why choose us?

1. Experienced R&D team.
2. ODM & OEM.
3. Reliability.



Multimedia Meeting Room



Office



Waterproof Test



Aging Test



Vibration Test



Swing Test



Salt Spray Test




Low And High Temperature Test


## Trade Shows



## CONTENTS

	<b>New Products</b>
01	New Products
	<b>Automobile Electronics</b>
03 - 08	Rear View Cameras
09 - 14	Monitors
	<b>Security and Protection</b>
16	Security Kits
17 - 18	Security Cameras
19	Camera Modules
20 - 21	Camera Specifications
	<b>Image Processing Series</b>
23 - 24	Digital Video Recorders
25	Multiplexers
26	Specialized Cameras
	<b>Accessories</b>
28 - 29	Accessories

 China Sourcing Fair, Hong Kong  
Canton Fair, Guangzhou  
HKTC HK Electronics, Hong Kong  
Automechanika Shanghai


 Tokyo Auto Salon, Chiba, Japan

 AUTOMEC, Brazil

 MIPS, Moscow  
MIMS-Automechanika, Moscow

 IFSEC, Birmingham, UK

 IFA, Berlin  
CeBIT, Hanover  
Automechanika, Frankfurt

 ISC West, Las Vegas  
SEMA, Las Vegas  
CES, Las Vegas  
NTEA, Indianapolis

## Markets



Waterproof Monitors

IP67

5"/7" Digital Vehicle Waterproof Monitor (MO-123D / MO-125D)

- ▶ Digital LCD vehicle waterproof monitor
- ▶ 8 languages selectable for user operation
- ▶ Power: 10-32V
- ▶ Automatic backlighting for buttons
- ▶ Auto switch to rear, left or right side camera viewing
- ▶ Multiple video formats available: AUTO/ PAL/ NTSC
- ▶ Up to 3 AV inputs (MO-123D);  
13-Pin: 3 cameras inputs
- ▶ 22-Pin: 4 cameras inputs, 1 video output and 1 audio output(MO-125D)



7" Digital Quad Monitors with Touch Buttons (MO-122D / MO-118D)



VGA input additional

- ▶ Single, dual, triplex, quad, trefoil, Y-split image and PIP functions
- ▶ Up to 4 AV inputs, 2 AV output
- ▶ 1 VGA input(only MO-118D)
- ▶ Auto switch to rear, left or right side camera viewing
- ▶ Automatic backlighting for buttons



Item	Technical Specification
Audio Output	1W
Loudspeaker	One 15 x 24mm round loudspeaker
Power Supply	Automobile storage battery(10~32V)
Power Consumption	Max. 25W
Outer Dimension	194.6mm(W) x 128mm(H) x 39.3(T)
Dot Pitch	0.192(H) x 0.1805(V)
Resolution	800 x 3(RGB) x 480
Color Depth	24bit
Display Colors	16.7M dithering
Contrast	500:1
Brightness	400cd/m <sup>2</sup>
Viewing Angle	U: 50°, D: 60°, R/L 70°
Operating Temperature	-10°C~+65°C, RH90%
Storage Temperature	-30°C~+80°C, RH90%

2.4GHz Digital Wireless System (DW-127D, DW-639)

- ▶ Built-in 2.4GHz Digital Wireless Transmitter & Receiver
- ▶ Operating Temperature: -10°C ~ +60°C
- ▶ Storage Temperature: -30°C ~ +80°C
- ▶ Resolution: 800 x 3(RGB) x 480
- ▶ Contrast: 500:1
- ▶ Brightness: 400cd/m<sup>2</sup>



Item	Technical Specification
Operation Frequency	2400-2483.5MHZ
Video Codec	MPEG4
Audio Codec	MP3
Frame Rate	PAL: 25f/s NTSC: 30f/s
Latency	400ms
Rf Band Width	5MHZ
Rf Bit Rate	6Mbps
Modulation	16QAM
Spread Spectrum	FHSS
Line Of Sight Range	120M
Receiving Sensitivity	-78dBm
Output Power	18dBm

IP69K



Tilt Camera

- ▶ Three working positions: Protection, Reverse, Rear view
- ▶ Waterproof capacity equal to IP69K standard
- ▶ Super wide viewing angle (180°)
- ▶ Optional: Auto-heating when operation temperature is bellow 6°C
- ▶ Operating temperature: -20°C~+70°C
- ▶ Mirror / Normal image Switchable (available to some chips)
- ▶ Grid line can be turned on and off (available to some chips)
- ▶ Night-vision function: 11 IR lights
- ▶ IR distance: 10M



3 in 1



Accessories

Magnetic Base(AC-539)

- ▶ Fix the magnetic base to the U-support bracket of camera and attach the camera to the vehicle.

Monitor Bracket(AC-540)

- ▶ The products are mainly used for liquid crystal displays fixed in the top of the cab.
- ▶ Compatible with all Sharpvision LCD monitors with metal mount slot.
- ▶ 360° horizontal rotation angle; > 90°side rotation angle.
- ▶ Made of aluminum alloy
- ▶ Universal joint and ratchet for convenient adjustment and firm joint

