



JPC-178

Bracket In-Cabin Camera

Vehicle camera system for trucks, buses and commercial vehicles

Metal-cased micro dome

PAL/NTSC optional

Shenzhen Jifuan Intelligent Technology Co., Ltd.

Building 9, West District, Zhangge Community, Fucheng Street,
Longhua District, Shenzhen, China

*OEM & ODM welcome - custom logo, packaging, connectors,
cable length and firmware available on request.*

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Key Features & Specifications

KEY FEATURES

- **Metal-cased micro dome:** metal housing + transparent PC dome cover, anti-tamper, durable, not a plastic shell that will break at a touch
- 20mm small lens module, the whole machine is only ø77 x 60.3mm, net weight is 200g: it can be installed in the car inconspicuously
- Hemispherical shape, can be installed on ceiling/wall, exposed/concealed (surface or flush mount)
- The direction of the lens can be adjusted by pressing the PC dome cover, and the hexagonal screw is locked so that it will not move after installation
- Standard configuration includes 1 mounting bracket + 4 mounting screws + hexagonal wrench + instruction manual, ready to install
- 2 million pixels HD, 1920(H) x 1080(V), AHD output

TECHNICAL SPECIFICATION

Video Output	1 Vp-p, 75,AHD
Audio	Optional
Noise Reduction	3D
Lens	f2.8mm
Power Supply	Supply 12V DC+/-10%
Power Consumption	85mA (Max)

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- 1/2.9" CMOS (manufacturer parameter sheet marked PS6210), progressive scan RGB CMOS
- PAL/NTSC optional
- Automatic gain (AGC), automatic electronic shutter, automatic backlight compensation (BLC)
- F2.8mm fixed focus lens, manual angle adjustment

ORDERING NOTES

- **Video system:** confirm AHD 720P / 1080P or CVBS, and PAL / NTSC before ordering.
- **Image mode:** confirm mirror or non-mirror image, and whether parking guide lines are required.
- **Connector:** confirm 4-pin aviation or RCA, plus cable length (standard 0.3-0.5 m pigtail; 1 m / 5 m / 10 m available) and pinout for your harness.
- Lens angle and mounting position: confirm the required angle and where the camera is fitted (side / rear / front / cabin).
- **Voltage:** confirm your vehicle system - 12V and 24V versions are both available.
- Quantity, packing (colour box / neutral box) and printing or logo requirements.
- **Mounting bracket:** confirm the bracket type and screw thread your vehicle needs.
- Default specification has no parking guide lines. Other angles, NTSC or mirror versions must be confirmed in advance.

USAGE & PRECAUTIONS

- Check the supply voltage and polarity before connecting power; wrong wiring can damage the camera.
- Keep the waterproof connector tight and seal the joint; do not cut or extend the pigtail.
- Route the cable away from heat sources, sharp edges and moving parts, and secure it with clips.
- Clean the lens and the IR window with a soft cloth only; avoid high-pressure washing directly at the lens or connector.
- Do not open the sealed housing - doing so voids the waterproof rating and the warranty.
- A dirty lens or IR window reduces night image quality, so check them during regular maintenance.

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Product Views & Applications



TYPICAL APPLICATIONS

Passenger Cars

Taxis & Ride-Hailing

Vans & Light Commercial

Parking Assistance

CUSTOMISATION AVAILABLE

- **Video system:** AHD 720P / 1080P or CVBS, PAL & NTSC - confirmed per order.
- **Connector:** 4-pin aviation / RCA / waterproof plug, with matching cable.
- **Cable length and pinout:** standard pigtail; 1 m / 5 m / 10 m or custom.
- **Image mode:** mirror or non-mirror image, with or without parking lines.
- **Branding:** neutral or customer-branded packaging.