



JPC-04

28mm Night Vision Camera

Vehicle camera system for trucks, buses and commercial vehicles

Signal options

Package

Night vision support

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

- Night vision version with IR / LED illumination - usable in unlit garages and at night
- Larger lens barrel than 18.5mm models: more light intake and a sturdier mount
- Universal fitting for all cars; rear, front or side mounting
- **Signal options:** CVBS 420/480 TV Lines, AHD 720P, AHD 1080P
- Min. illumination 0.001Lux@(F1.2, AGC ON), 0LUX with IR
- PAL or NTSC signal system; mirror image and reversing grid selectable

TECHNICAL SPECIFICATION

DSP Chipset	FH8536H + GC2053 (2053 + 8536H)
Video Output	AHD / CVBS selectable, PAL & NTSC
Connector	4-pin aviation (RCA optional)
Power Supply	DC 12V standard (8-15V working range)
Housing	Metal housing, sealed against water and dust

SELLING POINTS & NOTES

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- Waterproof IP69K housing with sealed lens ring
- DC 12V standard, 24V optional; circuit protection function
- **Package:** 1 x camera, 1 x 1 m DC power cable, 1 x 6 m AV cable, 1 x hole saw
- Standard tail cable 5 copper + 5 steel; pure-copper cable and BMW plug optional
- Night vision support
- Compact car camera with wide viewing angle

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.