

JPC-121-B

Night Vision Rear Camera for Truck

1920 | 110°/60° | AHD 1080p | IP68

AHD / CVBS output **OEM & ODM** **12V DC input**

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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OVERVIEW

Key Features & Specifications

KEY FEATURES

- Dual-lens rear camera in one housing: a 110 degree wide lens plus a 60 degree narrow lens
- About 180 degree vertical coverage from the two lenses - the rear blind spot is covered with only one mounting position
- One camera / one bracket / one cable replaces two single-lens cameras - saves an installation position, a cable run and installation time
- AHD 1080P output, 1920(H)x1080(V), PAL system - clear and stable picture on AHD monitors and MDVR
- Mirror image as standard, without parking line - the picture is mirrored and no reversing guide line is drawn on it
- 2053 + 8536H chipset, 1/2.9" CMOS sensor; 0.1 Lux in daylight, 0 Lux with IR

TECHNICAL SPECIFICATION

Image Sensor	AHD 1080p
DSP Chipset	2053
Viewing Angle	110°/60°
Pixel / Resolution	1920(H)x1080(V)
Shutter Speed	1/50S-1/100000S
IR Distance	15M
IR-Cut Filter	Auto switching (day / night)
Noise Reduction	3DNR/2DNR
Lens	2.8 mm/3.6mm
Video Output	AHD
Operating Temperature	-20°C to +70°C, humidity 0-90%
Waterproof Rating	IP68

SELLING POINTS & NOTES

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- 18 pcs 850 nm IR LEDs, night vision distance 15 m with auto IR-cut
- 3D-DNR / 2D-DNR digital noise reduction; video output 1.0Vp-p 75 ohm
- Lens 2.8 mm / 3.6 mm; 4-pin aviation connector as standard (RCA optional)
- DC 12 V (8-15 V), current < 500 mA, working temperature -20C to +70C
- IP68 waterproof housing with 4.5G shock resistance - for trucks, trailers, buses, vans, forklifts and MDVR systems
- 720P high-definition AHD video output for a clear, detailed picture

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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IN DETAIL

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.

OPTIONS & ABOUT US

Options, Packing & Why Jifuan

PACKING & DELIVERY

- **MOQ:** flexible, from 50-100 pcs per model for standard items (mixing allowed).
- **Lead time:** 3-20 working days after deposit, depending on quantity and stock.
- **Packing:** individual white / colour box, master carton with buyer label.
- **Terms:** FOB Shenzhen; T/T, PayPal or Western Union.
- **Warranty:** 12 months from shipment against manufacturing defects.
- **Samples:** available for evaluation before mass production.

QUALITY CONTROL

- 100% ageing test before packing: every unit runs on a burn-in rack.
- **Waterproof test:** IP67 / IP68 / IP69K pressure and immersion checks on sealed models.
- High & low temperature chamber: -20C to +70C operating verification.
- Vibration and shock test for truck, bus and off-highway applications.
- **Full-function check:** video output, IR switching, connector and cable continuity.
- 1-year warranty with responsive technical support and spare-parts supply.

WHY BUY FROM JIFUAN

- **Supply chain integration:** cameras, monitors, MDVR and 360 systems matched from a vetted supplier network - one contact, one shipment.
- **Product experience:** 15+ years on vehicle video, so the platform that fits your vehicle and budget is the one we recommend.
- **Project experience:** fleet, bus, trailer and off-highway builds supplied with the brackets, cables and connectors the vehicle actually needs.
- **Customisation:** housing colour, logo, bracket, connector, cable length, lens angle and firmware changed to suit your market, with a fast answer on feasibility.

Contact us for a quotation

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