



JPC-176

Universal Camera

2MP:1920X1080 AHD | 1/2.8"CMOS | IP69K structural waterproofing

Adaptation

Default 2053 + 8536H scheme

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

- Streamax's cameras use the same foundry and the same set of vehicle-specific processes and testing standards
- This is not a general security camera modification: the sensor, lens, structural waterproofing, and wiring harness are all made according to vehicle
- Similar products have been used in batches in overseas fleet safety systems (BSD blind spot detection), and they run on this platform
- Small form factor side camera designed for Blind Spot Detection (BSD) - mounted on the side of the car to see the blind spot
- Ultra-wide-angle 170°(D) / 135°(H) / 100°(V), 2.2mm lens: taking in the blind spots from the sides to the sides and rear of the car into the frame
- Combined with the MDVR/AI box, it can provide blind spot reminders: remind the driver when turning right, changing lanes, or pulling over

TECHNICAL SPECIFICATION

Resolution	2MP:1920X1080 AHD
Image Sensor	1/2.8"CMOS(IMX307LQR)
Minimum Illumination	0lux(IR ON)
Shutter Speed	AUTO/ 1/50 (1/60) -1/100,000sec
White Balance	Automatic tracking
IR Distance	10M
Lens	2.2 mm, FOV 170 deg (D) / 135 deg (H) / 100 deg (V)
Waterproof Rating	IP69K structural waterproofing (sealed, not glue)

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- 190g small body, unobtrusive side mounting, easy wiring
- **Adaptation:** truck/trailer side blind area, bus right side blind area, special-purpose vehicles, fleet BSD system
- 1080P AHD output, 1920(H)x1080(V), clear picture
- Default 2053 + 8536H scheme
- Adaptive digital noise reduction (2D-DNR)
- Automatic white balance (automatic tracking), automatic backlight compensation, Gamma 0.45

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.