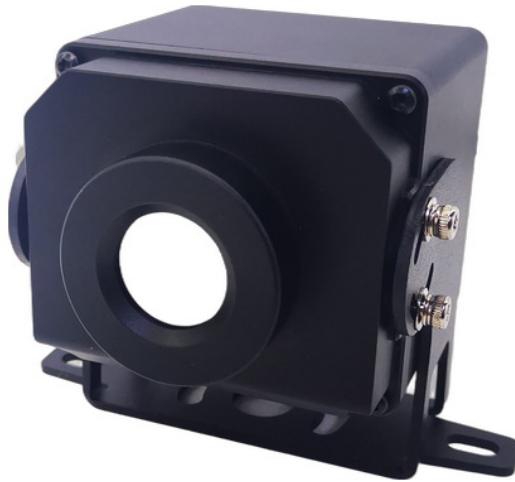




JPC-256AI-ALL

Vision System

256 x 192 | 18° | 256 x 192 | Vehicle and pedestrian detection on AI models

Multiple resolutions available

Far-infrared imaging

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

- The camera has a built-in AI algorithm and does not have an independent host: it can work just by connecting it to an AHD monitor
- AI recognizes pedestrians (including pedestrians, bicycles, electric vehicles, and motorcycles) and vehicles, and can output the target distance
- AI recognition distance (person/car, according to model): 1.5mm 10m/20m, 4mm 30m/50m, 9.1mm 40m/100m, 4.6mm 20m/50m, 13mm 50m/100m
- Recognition distance (person/car): 1.5mm 35m/52m, 4mm 94m/138m, 10mm 236m/347m, 9.1mm 214m/315m, 4.6mm 108m/159m, 13mm 306m/415m
- Multiple resolutions available: 256x192/384x288/640x512
- Multiple lenses are optional, with field of view ranging from 18°x13° to 120°x86°, wide angle for near viewing and telephoto for far viewing

TECHNICAL SPECIFICATION

Resolution	256 x 192
Viewing Angle	18°
Power Supply	DC 9-24 V
Detector Resolution	256 x 192 (640 x 512 versions available)
Output	AHD / CVBS / USB, PAL & NTSC
Functions	Vehicle and pedestrian detection on AI models
Ordering	Full parameter sheet available on request

ORDERING REFERENCE / AVAILABLE VARIANTS

256*192,Smart AI camera Lens: 9.1mm FOV: 18°*13° Output: AHD/RS485 Voltage: 9-24V

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- **Output:** AHD (720P / 1080P / 25Hz / 30Hz, default 720P25Hz), RS485, SPK speaker interface, infrared remote control parameter adjustment
- **Far-infrared imaging:** black barrier, anti-glare, fog/fog/smoke/haze penetration
- Germanium window / automatic defrost: 1.5mm version does not have germanium window, other models support automatic defrost

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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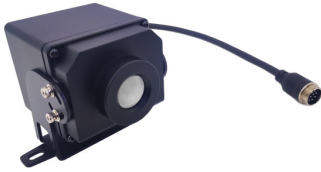
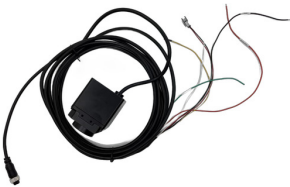
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Product Views & Applications



TYPICAL APPLICATIONS

Night Driving

Pedestrian & Animal Detection

Fire & Rescue

Border & Patrol

Oil & Gas Facilities

CUSTOMISATION AVAILABLE

- **Resolution:** 256 x 192 or 640 x 512; with or without AI algorithm.
- **Lens:** 3.2 / 4 / 6 / 9.1 mm to match detection distance.
- **Output:** AHD, CVBS, USB or all-in-one monitor version.
- **Mounting:** vehicle roof, front or mirror-replacement versions.
- **Branding:** neutral or customer-branded packaging.