



JPC-256

Waterproof Thermal Camera

256 x 192 | 18° | 256 x 192 | IP67

The lens has two stops

Small size and light weight

Shenzhen Jifuan Intelligent Technology Co., Ltd.

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

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Key Features & Specifications

KEY FEATURES

- Single thermal imaging camera without AI algorithm: the lowest cost, "only visible, no alarm" entry-level solution
- **The lens has two stops:** 10mm/F1.0 (FOV 18°x13°, see far) and 3.6mm/F1.0 (FOV 49°x37°, see wide)
- Optional 1.5mm ultra-wide-angle lens: FOV 120°x86°, specially designed for mining trucks, forklifts, low-speed special-purpose vehicles
- Video output defaults to AHD (720P / 1080P optional), optional CVBS / USB output; standard 4-core aviation connector
- White hot mode supports detail enhancement, noise reduction, bad pixel repair, and automatic shutter correction
- Far-infrared imaging does not rely on light sources: black barrier (all black can be imaged), anti-glare, penetrating fog, fog, smoke, haze

TECHNICAL SPECIFICATION

Resolution	256 x 192
Viewing Angle	18°
Power Supply	voltage: DC12V
Waterproof Rating	IP67
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 resolution car AHD/CVBS camera Sensor: 256*192, 12um Lens: 9.1mm FOV 18°*13° video out:AHD voltage: DC12V automatic defrost: support waterproof: IP67 temperature: -30°C-70°C size: <=32*32*49

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- Small size and light weight: about 34x34x49mm, the power consumption of the whole machine is <1.5W (heating on <3.5W)

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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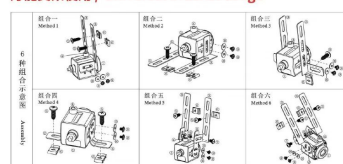
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Product Views & Applications



万能支架使用 / Universal bracket usage



注：a. 调整摄像头时请保持水平仪的水泡在正中间。 b. 请根据您的汽车选择合适的方式安装。
Note: a. Leveling the camera using part 4 until the water bubble is in the center. b. Choose the appropriate assembly method for purpose.

U型支架使用 / U-shaped bracket usage



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.