



PTZ

Waterproof AI AHD Dash Camera

360° | microSD / TF card | IP67

20x Optical Zoom

360° Continuous Rotation

Intelligent Defogging

100m+ OSRAM Night Vision

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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www.jfacam.com | www.antuvision.com

Key Features & Specifications

KEY FEATURES

- **20x Optical Zoom:** Precision inspection of high-voltage insulators and towers.
- **360° Continuous Rotation:** Full situational awareness with zero blind spots.
- **Intelligent Defogging:** Integrated glass heating for clear vision in humid/cold environments.
- **100m+ OSRAM Night Vision:** Long-range security for remote construction sites.
- **All-Metal Armored Shell:** Rugged IP67 protection against impact and corrosion.
- **Magnetic Quick-Deployment:** Instant setup on engineering vehicles or metal structures.

TECHNICAL SPECIFICATION

Lens	Color 0.01Lux @(F1.2,AGC ON),0 LUX (IR on)
Video Output	256
Power Supply	supply IP67
Weight	126mm*214mm
Viewing Angle	360°
Waterproof Rating	IP67
Connector	Interface: 4pin aviation (RS485) + AHD out
Recording	Loop recording with G-sensor event lock (per model)
Storage	microSD / TF card (32 / 64 / 128 GB, per model)
Phone App	WiFi app preview, download and sharing

ORDERING REFERENCE / AVAILABLE VARIANTS

1.2MP progressive scan CMOS sensor, lowlight 0.01Lux (color) / 0.001Lux (B/W), AHD 1080P output for sharp, smooth images. 2. 3.OSRAM IR LEDs provide night vision up to 100 meters. 4.Precision motor drive, 360° pan, 0-90° tilt, preset speed 300°/s (H) / 120°/s (V), 256 presets, adjustable keying speed. 5.20x optical zoom (4.7-112.8mm, F1.6-F5.0) for distant details. 6.Rugged allmetal housing, heated

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- 20x optical zoom with 4.7-112.8mm motorized lens: precision inspection of high-voltage insulators and towers
- 2MP 1/2.8 inch low-light CMOS, AHD-H 1080P coaxial HD output, clear and delicate image
- 360 degree continuous horizontal rotation; vertical range 0-90 degree; 256 presets; preset speed 300°/s
- Integrated glass heating for defogging plus built-in temperature control device
- 2 x high-power OSRAM LED array lights, night vision range up to 100m
- **All-metal armored shell:** anti-corrosion, dustproof and anti-impact, IP67 waterproof

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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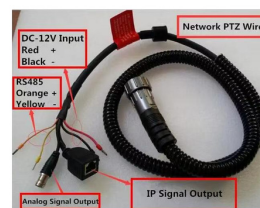
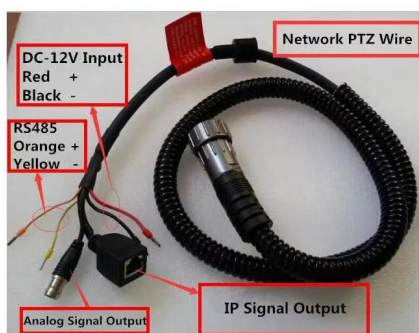
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Product Views & Applications



TYPICAL APPLICATIONS

Fleet Telematics

Trucks & Trailers

Buses & Coaches

Taxis & Ride-Hailing

Insurance & Evidence

CUSTOMISATION AVAILABLE

- **Recording:** confirm channels (1 / 2 / 3) and resolution split (for example 4K + 1080P).
- **Storage:** microSD / TF card size (32 / 64 / 128 GB) and the recording days required.
- **Phone app:** iOS / Android app, live preview and file download - confirm language and app branding.
- **Parking mode:** G-sensor sensitivity and time-lapse parking recording (needs the matching hardwire kit).
- **Branding:** neutral or customer-branded packaging, startup screen and app name.

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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