



FWR-139

Wireless Camera and Receiver Kit Parameter

Digital wireless, 2.4G / 5.8G per model

Image sensor

Effective pixels

Video format

Waterproof

Power supply DC12-36V

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

- **Image sensor:** CMOS 1/4" Starlight Infrared
- **Effective pixels:** 1280x720P (1080P optional)
- **Video format:** PAL/NTSC
- **Waterproof:** IP69; minimum illumination 0.5Lux
- Power supply DC12-36V
- Dimensions 110 x 70 x 73mm; weight 650g

TECHNICAL SPECIFICATION

Transmission	Digital wireless, 2.4G / 5.8G per model
Range	Open area 100-200 m depending on model
Latency	Low-latency real-time video
Power Supply	DC 12-24V or built-in battery
Ordering	Full parameter sheet available on request

ORDERING REFERENCE / AVAILABLE VARIANTS

720p wireless camera kit ,work over 100m, work with wired monitor or mdvr | universal wireless camera

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- Universal camera version: dimensions 80 x 70 x 60mm, weight 300g
- Battery capacity 9600mAh
- **Charging:** DC 5.5 interface, 12-24V input, fully charged in about 6 hours
- **Battery life:** about 15 hours
- Suitable for trailers/dumping/temporary installation scenarios where it is inconvenient to connect to the power supply

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

Trailers & Semi-Trailers

Forklifts

Reversing & Docking

Construction & Mining

Agricultural Machinery

CUSTOMISATION AVAILABLE

- **Kit content:** camera, transmitter, receiver and monitor per configuration.
- Battery or vehicle powered - confirmed per order.
- Magnet or screw mounting for forklift / trailer use.
- **Range and frequency:** 2.4G / 5.8G, distance confirmed by application.
- **Branding:** neutral or customer-branded packaging.