



FWR-WIRELESS

Wireless Kit

Digital wireless, 2.4G / 5.8G per model

Transmission distance ****500M****

Receiving sensitivity

Format NTSC / PAL

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

- Video compression H.264; extension FHSS (frequency hopping)
- Transmission distance **500M**
- RF transmission rate 3MHz / 6MHz / 12MHz, BER<1E-3
- **Receiving sensitivity:** -81dBm(Typ.)@12MHz 16QAM; -86dBm(Typ.)@12MHz QPSK (BER<1E-3)
- Resolution 720P 30fps / 1080P 25fps
- Format NTSC / PAL

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

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- The working frequency complies with the 2.4G frequency band; the working humidity is 85%RH
- Power supply 9V-45V (wide voltage, universal for 12V / 24V models)
- The transmitter/receiver current is both 140mA(Typ.)@12V, low power consumption
- There are two lights on the front of the device: red light + green light
- Press and hold the button for 3 seconds to enter pairing**: The red light starts to flash slowly
- When the signal transmission is normal, the green light is always on (you will know if the connection is successful by looking at the green light)

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.

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.

- 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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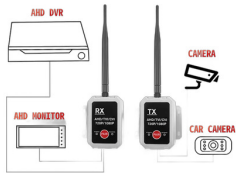
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Product Views & Applications



Strong applicability
installation diagram



PRODUCT
PACKAGE DIAGRAM



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.