

Key Features



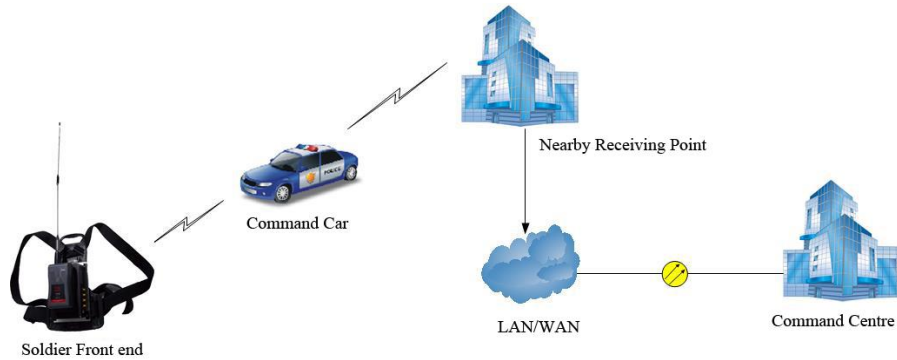
- Easy to carry It has strong anti-interference ability and non line of sight diffraction ability
- Low delay $\leq 200\text{ms}$
- The system adopts H.264 digital video coding standard Clear picture to HD 1080p effect
- Use COFDM(Coded Orthogonal Frequency Division Multiplexing : Coded orthogonal frequency division multiplexing)
- Diversity dual antenna reception, so that the real-time image clearer and smoother
- Applicable to the scene of the scene to monitor the car and other places. The volumesmall may do to camouflage equipment forensics, air operations, UAV image transmission wireless image transmission..

Technical parameters

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|-----------------------|---|
| Model | SV-CF510A-P |
| Transmitters | |
| Working frequency | 300MHz~2400MHz,Frequency customization |
| RF power | 1-5W adjustable |
| Channel bandwidth | 2/3/4/5/6/7/8MHz adjustable |
| FEC | 1/2,2/3,3/4,5/6,7/8 |
| Protection interval | 1/32,1/16,1/8,1/4 |
| Stream | 2Mbps~12Mbps |
| Time delay | $\leq 200\text{ms}$ |
| Compressed format | H.264 |
| Transmission distance | ground-to-air > 70 km,Sea surface > 30 km,Urban area >5 km,A suburb > 9 km. |
| Audio interface | HDMI,SDI,SVBS |
| Data interface | Downlink transparent transmission,Baud rate:115200bps |
| Image | HD1080P/I,720P,SD |
| Image frame | 24,50,60fps,Compatible with other frame rates |
| Power | DC14.4V,SONYV |
| Size specification | 210*131*55,No battery |
| Weight | 1.6kg,No battery |
| Portable receiver | |

| | |
|--|---|
| Working frequency | 300MHz~860MHz, Frequency customization |
| Channel bandwidth | 2/3/4/5/6/7/8MHz adjustable |
| Modulation technique | COFDM |
| Sensitivity | 2MHz: -103dBm; 2.5MHz: -102dBm; 4MHz: -100dBm; 8MHz: -97dBm |
| Receiving technology | Spatial diversity technique |
| Time delay | 200ms |
| Receiving polarization | Vertical polarization, dual antenna reception |
| Compressed format | H.264 |
| Image | HD1080P, Downward compatibility 1080I, 720P, 480P, SD |
| Image frame | 24, 50, 60/S, Compatible with other frame rates |
| Storage hard disk | 1T |
| Frame | 1 picture |
| Display Size | Maximum 15.6 inches (customized according to customer requirements) |
| 3G/4G/GPS Location | Optional |
| Video Output | 1 CH HDM, 1 CH AV, 1CH RJ45, 2 CH USB |
| Power | DC12V, Special charger |
| Battery endurance | More than 4 hours |
| Size specification | 450*370*184mm(L*W*H) |
| weight | 10Kg |
| Specific interfaces are subject to customer requirements | |

Schematic diagram of use



Topological diagram

