

Key Features

- It has strong anti-interference ability and non line of sight diffraction ability
- 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)
- Spatial diversity technology, Diversity dual antenna reception, so that the real-time image clearer and smoother
- It is widely used in military reconnaissance, border patrol, public security, civil air defense emergency, flood control, environmental protection monitoring, electric power patrol, railway emergency rescue, maritime law enforcement, urban management and law enforcement, site / Wharf / oil field monitoring, TV relay, sanitation and epidemic prevention, or emergency command. It is suitable for video real-time mobile transmission in a variety of complex geographic environments, such as inner city, sea and mountain area.

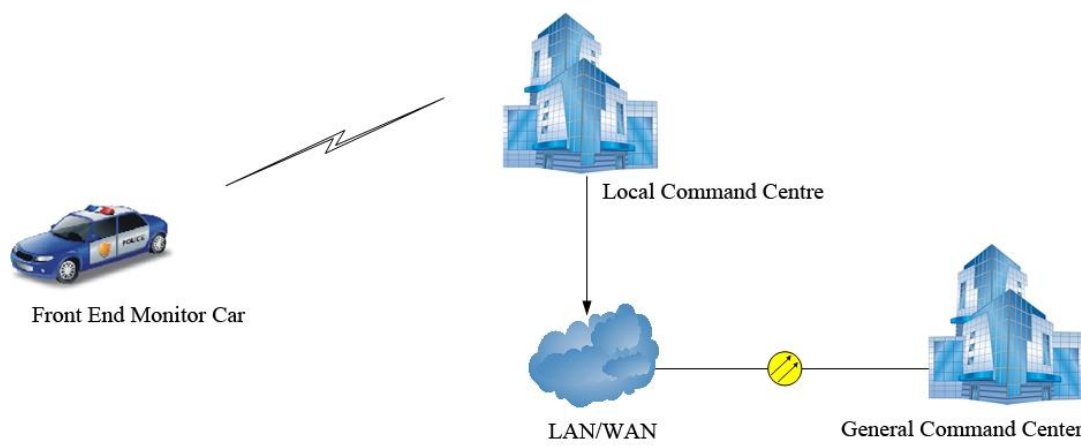


Technical parameters

Model	SV-CF610A
Transmitters	
Working frequency	300MHz~2400MHz,Frequency customization
RF power	10-30W adjustable
Channel bandwidth	2-8MHz
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	≤200ms
Compressed format	H.264
Transmission distance	ground-to-air > 100 km, Sea surface > 50 km, Urban area >8 km, A suburb > 15 km
Audio interface	1 way HDMI,1 way AV
Image	HD1080P,Downward compatibility1080I,720P,480P,SD
Image frame	24、50、60/S,Compatible with other frame rates
Power	AC220V

Size specification	485*340*90
Weight	5kg
Receivers	
Working frequency	300MHz~860MHz,Frequency customization
Channel bandwidth	2-8MHz
Sensitivity	2MHz: -103dBm; 2.5MHz: -102dBm; 4MHz: -100dBm; 8MHz: -97dBm
Receiving technology	Spatial diversity technique
Receiving polarization	Vertical polarization, dual antenna reception
Compressed format	H.264
Video Output	1 way HDMI/HD-SDI
Network interface	Optional
Image	HD1080P,Downward compatibility1080I,720P,480P,SD
Image frame	24、 50、 60/S,Compatible with other frame rates
Power	AC220/DC12V
Size specification	480*280*45mm,1U Chassis
weight	4Kg

Schematic diagram of use



Topological diagram

