

Key Features



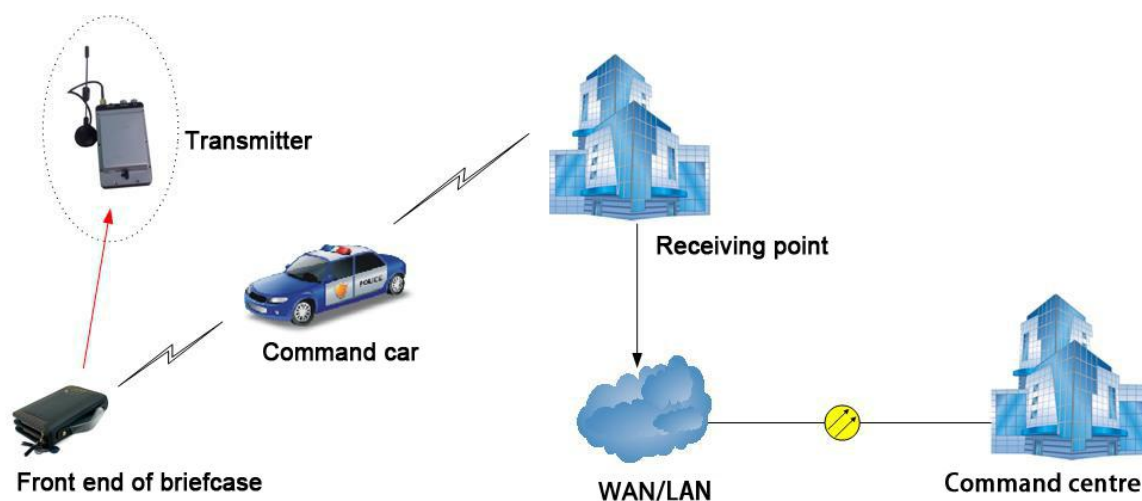
- It has strong anti-interference ability and non line of sight diffraction ability
- Wide voltage input DC12V
- The system adopts H.264 digital video coding standard Clear picture to HD 1080p effect
- Use COFDM (Coded Orthogonal Frequency Division Multiplexing : Coded orthogonal frequency division multiplexing
- Diversity dual antenna reception, so that the real-time image clearer and smoother
- Can be used in public security, fire, police, civil defense, emergency law enforcement, environmental monitoring, earthquake relief, flood control, emergency power, emergency rescue, maritime surveillance, law enforcement inspection, customs, port monitoring, forest fire prevention, oil security, military reconnaissance, television, unmanned vehicles, unmanned boat, special robot etc..

Technical parameters

Model	SV-CF530A-P
Transmitters	
Working frequency	300MHz~2400MHz,Frequency customization
RF power	10W 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	≤200ms
Compressed format	H.264
Transmission distance	ground-to-air > 100 km,Sea surface > 50 km,Urban area > 7 km,A suburb > 15 km,3 km above theground-to-ground
Audio/Video interface	HDMI*1,CVBS*1
Image	HD1080P,Downward compatibility1080I,720P,480P,SD
Image frame	24、50、60/S,Compatible with other frame rates
Power	DC12V
Power consumption	Maximum 38W

Size specification	HDMI:115*75*25mm, HD-SDI:180*131*55mm
Weight	0.9Kg
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 compatibility1080I,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/GPSLocation	Optional
Video Output	1 way HDM,1 way AV, 1way RJ45,2 way USB
Power	DC12V,Special charger
Battery endurance	More than 4 hours
Size specification	450*370*184mm(L*W*H)
weight	10Kg

Schematic diagram of use



System list

Transmitter*1	HDMI Line*1
Portable receiver*1	Transmitting antenna*1
Receiving antenna*2	Power line*2
Antenna sucker*2	