



KT-1016
Analog Audio/Video Transmitter



CM360-I
Rack Mountable Receiver

System Instruction:

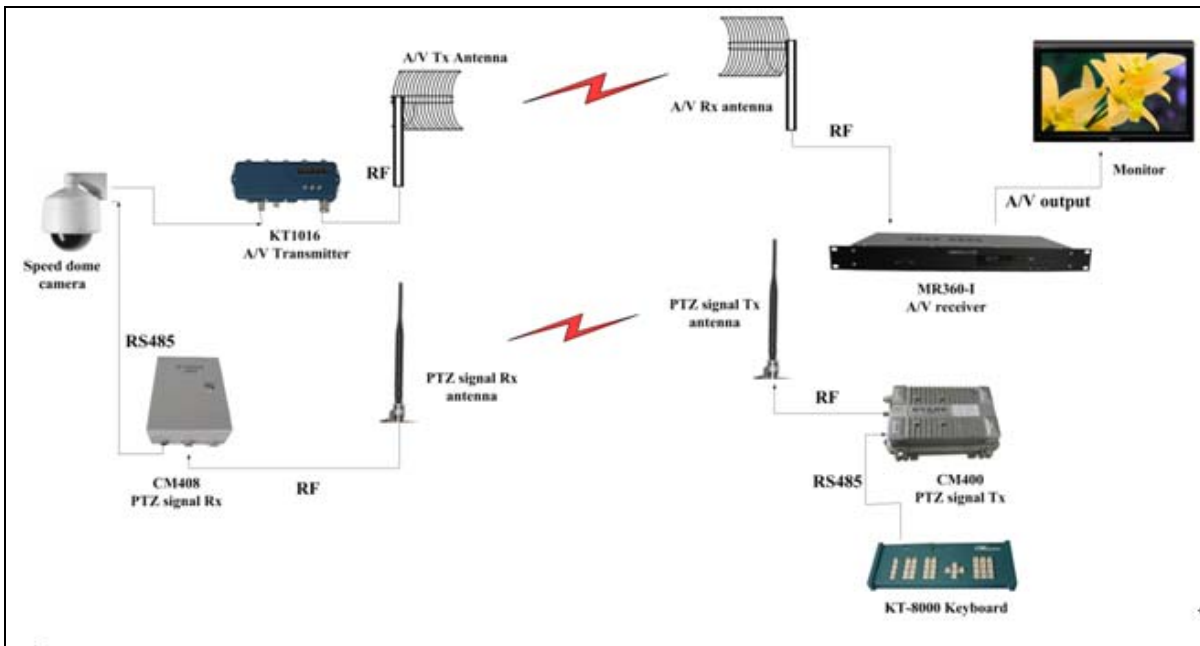
KT-1016 microwave video transmission system is developed for long-range applications from 5-50km. There are three working frequency bands available: L band(1.0-2.0GHz), S band(2.3GHz-2.9GHz), KU band(10.75GHz-13.75GHz). For the KU band, the equipment has adopted the most advanced technology in the field. AC-460 can transmit both audio and video at the same time. The audio and video are real-time and clear. With repeater system, obstruction problem can be solved easily and the whole system can cover longer distance.

Main features:

- Solid state; double PLL technology
- Convenient application, direct frequency adjustment;
- Good performance versus price
- Stable and real-time audio and video transmission
- Multi working bands and frequency
- Working frequency can be customised
- Quick installation enables short project cycle
- Convenient operation and maintenance
- Solar power supply for the whole system

System Application:

Our PTZ controlling system CM400/408 can be used together with the KT-1016 system. The PTZ controlling signals effective distance of 40km, which enables real-time control of the remote PTZ or Speed Dome camera, power supply and switch. With the KT-1016 system, it forms a complete wireless surveillance and control system, which has been widely used in many applications, such as: Police Force, Railway Security, Port Monitoring, Military, Traffic management etc.

System Connection:

Transmitter Specification:

Working frequency	1.0~1.6GHz (constant regulation)
Power Output:	1.5W
Output impedance:	50 Ω
Video input:	1Vp-p
Audio input:	0.1-1.0Vp-p
Input voltage:	12VDC or 220VAC/50Hz
Input current:	5001000mA/12VDC
Modulation:	FM
Modulation bandwidth:	18--25MHz
Video format:	PAL
Environment:	- 15 °C ~ +55 °C
Output connector:	SMA jack
Dimension:	143mm*56mm*45mm
Weight:	0.7kg



Receiver Specifications:

Input frequency	950-2050MHz
Input impedance	75Ω
Input voltage	-65-35dBm
Medium frequency bandwidth	27MHz
Noise sensitivity	6dB typical value
Video format	PAL/NTSC
Video output	1Vp-p
Frequency response	+1- -2dB (10 KHz-5MHz)
Input voltage	AC150V-AC270V
Power consumption	15W
LNB power supply	18V/360mA
Weight	3.2Kg
Dimension	1U 19-inch standard case