

Summary


The unit is a device that allows the transmission of real-time video over Unshielded Twisted Pair cable. The video transmitter convert unbalanced video signal to balanced (same range but opposite polarized) difference signal transmitting via the UTP cable, have good common interferences rejection, under strong interference environment can transmit color video in high quality. Working hours much lessened and save cable cost.

Features

- **Longer transmission distance, high video signal quality**
Use advanced video signal technology, better equalize video signal differs attenuation in UTP cable, Keep original video signal real-time, brightness, sharpness and colorful, and enable longer and better signal transmission.
- **Low cable and installation cost**
Video transceiver use CAT5 or higher CAT UTP, even telephone cable (RJ11) can be use for video signal. Can use building already installation UTP cable, select any free pair for video transmit. One CAT5 UTP cable can use for audio signal, control signal and power too. Raise the utilization rate of UTP.
- **Outstanding interference rejection**
The video transceiver is highly immune to common mode interference and Multi channel signals in the same cables transmission. Even in strong interference environment, the transceiver can transmit image in high quality.
- **High reliability, handled easily**
Use UTP transmit video signal, camera connect video transmitter and video receiver connect monitor in control room. This device are cheap, handled easily, no need professional, one time installed, long time working.
- **12-24V wide input range and adapting AC or DC input; better transient protection.**

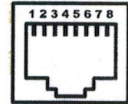
Transceiver setting and indication

Passive type transceiver no need power, according polarity mark connect UTP can work. Active type transceiver need input power and set gain for different distance, active transmitter have gain level setting, active receiver have bright and sharp setting. 4CH active receiver can use Rj45 jack or connector block connect UTP cable, according instruction connect UTP cable to 4CH active receiver. Active transceivers have power and video indicator LED, when power and video input the LED will turn on.



Level Level Level

Active transmitter gain set
>4000ft 4000-2000ft 0-2000ft



RJ45 jack instruction

AV Transceiver UTP connect instruction

PIN	Color	Function	PIN	Color	Function
1	W-O	Video+	5	W-B	NC
2	O	Video-	6	G	Data-
3	W-G	Data+	7	W-BR	Audio+
4	B	NC	8	BR	Audio-

Multi-channel Transceiver UTP connect instruction

PIN	Color	Function
1	W-O	Video1 +
2	O	Video1 -
3	W-G	Video2 +
4	B	Video3 -
5	W-B	Video3 +
6	G	Video2 -
7	W-BR	Video4 +
8	BR	Video4 -

Active receiver sharpness setting chart (suggest for best color video transmit distance)

	1000ft		2600ft		4000ft		5500ft
	1300ft		3000ft		4350ft		5900ft
	2100ft		3400ft		4900ft		6300ft
	2400ft		3800ft		5200ft		6600ft

Multi-channel Transceiver block UTP connect instruction

