

TPV 200 SERIES CAT5/6 DUAL VIDEO & IR TRANSCEIVERS

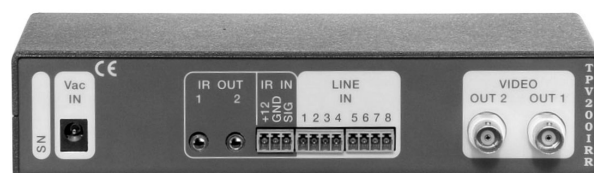
The TPV 200 series consists of two pairs, transmitter and receiver, designed for remote transmission, via CAT5 UTP cable, of two video signals. For simple monitoring applications, a distance of up to 900 meters can be covered using a UTP AWG22 cable. The most complete pair, called TPV 200 IRT / IRR, also permits passing of an IR signal and also provides visual indication of the correct input video signal

La serie TPV 200 è costituita da due coppie, trasmettitore e ricevitore, atti a trasmettere a distanza, tramite cavo CAT5 UTP, due segnali video. Per applicazioni di semplice monitoria, utilizzando cavo UTP AWG22 la distanza copribile può raggiungere i 900 mt. La coppia più completa, denominata TPV 200 IRT / IRR, consente altresì il passaggio di un segnale IR nonché fornisce la segnalazione visiva del corretto segnale video in arrivo.



- Dual video Transmitter / Receiver
- Compensation adjustment
- Video signal in arrival indication
- Bi-directional IR transmission
- Carrier frequency up to 1.2 MHz
- Double IR power output
- 19" compatible

- Dual video Transmitter / Receiver
- Regolazione della compensazione
- Segnalazione video in arrivo
- Trasmissione IR bidirezionale
- Carrier frequency up to 1.2 MHz
- Uscita di potenza IR doppia
- Compatibile 19"



SPECIFICATIONS

TPV 200T / TPV 200 IRT:

Video Input type: 2 BNC, AC coupled
 Input ret.loss : 35 dB at 5 MHz
 Crosstalk (two sections) : 50 dB at 5 MHz
 Line OUT : 8 Phoenix screwtype detachable (4 pairs bal.)
 IR IN : 3 Phoenix screwtype detachable
 IR OUT : 2 jacks mono 3.5 mm
 IR Signal type : Carrier frequency up to 1.2 MHz

TPV 200R / TPV 200 IRR:

Line IN : 8 Phoenix screwtype detachable (4 pairs bal.)
 Video OUT : 2 BNC, not clamped
 Equalization/Frequency response from 30KHz to 5 MHz
 : ±1,5 dB up to 375 mt CAT5 AWG26 cable;
 : ±1,5 dB up to 500 mt CAT5 AWG24 cable;
 : ±1,5 dB up to 650 mt CAT5 AWG22 cable;
 Delay : 2.0 µs at 375 mt CAT5 cable

Differential gain : 0.6 % worst case
 Differential phase : 1.2 ° worst case
 LF Response : 1.2 % on 50 Hz squarewave
 Hum & noise : -70 dBm unweighted with 375 mt. CAT5 AWG26 cable
 Video1/video2 crosstalk : 37 dB at 5 MHz, worst case

IR IN : 3 Phoenix screwtype detachable 3p
 IR OUT : 2 jacks mono 3.5 mm
 IR Signal type : Carrier frequency up to 1.2 MHz

Main input (with AC adapter ADM001) : 230 Vac 50 Hz
 Power consumption : 5 VA
 Size (WxDxH) : 200x100x44
 Weight : 0.5 Kg / Each unit
 Operating temp.range : 0 ÷ 45°C

Safety : according to EN60065
 EMC : according to EN55103-1 and-2

ELPRO Video Labs s.r.l.

Strada della Pronda, 45/B
 10142 Torino-ITALY
 Tel. +39 0117701583 – Fax +39 011703751

E-mail: info@elprovideolabs.com
[http:// www.elprovideolabs.com](http://www.elprovideolabs.com)

