

1.5 km 2-wire Transmission Set

Art.-Nr. TV8720

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This set allows transmitting the video signal via a 2-core cable. The 2-wire transmission set consists of a transmitter module and a receiver module. You connect the transmitter module to the video output of your camera. Besides analogue video signals, you can also transmit sound (audio). When connected with the screw terminals, you can also supply the camera with 12 V DC from the transmission set. You connect the receiver module to the video input of your monitor. You can connect two monitors. The audio signal can be transmitted to one of the two monitors. The modules are connected by a twisted pair cable or an existing 2-core copper wire (e.g. a telephone cable). The maximum distance between the two modules is 1500 meters. Besides the audio and video signal, you can use this set to transmit an RS485 data signal and the signal of a switch contact. The transmitter module has an alarm input and the receiver module an alarm output for this purpose. You can adjust the individual settings via DIP switches.

Technologies

- Video input/output: 1 Vpp (75 Ω)
- Cinch audio input/output
- RS-485 data IN/OUT
- Alarm input/output (NO)
- Transmission range: 100 – 1500 m

Technical data - 1.5 km 2-wire Transmission Set

Alarm type	NO
Cable type	UTP / CAT5 / AWG24
DC voltage supply	12 V
Data input	RS-485 MB/s
Data output	RS-485 MB/s
Dimensions	(W x H x D) each 110 x 24 x 77 mm
Max. operating temperature	50 °C
Min. operating temperature	0 °C
Power consumption	40 mA
Transmission distance	1.500 m
Video input	1Vss / 750hm
Video output	1 Vp-p / 750hm