

CODE: **P.-TR1HD** v.1.1/III

TYPE: **P- TR1HD** Set of passive video HD transmitters with BNC plug on the cable



**DESCRIPTION**

The P-TR1HD is a set of passive devices for video transmission using twisted-pair cable. These elements match the impedance of the coaxial cable (75Ω) to the impedance of the symmetrical cable (100Ω). In order to obtain the best quality of transmission and interference resistance the UTP cable Cat. 5 (or higher) is recommended. When connecting, make sure that the transmission uses cables from the same twisted pair and properly connect the cables to the screw terminals, "+" to "+" and "-" to "-". Improper connection will result in image distortion. The P-TR1HD is ended with BNC plug on the cable. Such design allows easy connection of these elements to devices, where the sockets are arranged close to each other.

**TECHNICAL DATA**

<b>The video signal</b>	1,0V <sub>p-p</sub> , 75Ω		
<b>Video transmission range</b>	HD-CVI	720p	400m
		1080p	230m
		3 / 4 / 8 Mpx	160m
	HD-TVI	720p	200m
		1080p	200m
		3 / 4 / 5 / 8 Mpx	180m
	AHD	720p	320m
		1080p	200m
CVBS	960H	400m	
<b>Video bandwidth</b>	0 ... 50 MHz (-3 dB)		
<b>Impedance of the coaxial connector / connector type</b>	75 Ω / BNC plug (using the 100mm cable)		
<b>Impedance of the unbalanced connector / connector type</b>	100 Ω / screw terminals		
<b>Attenuation (loop-through)</b>	-0,5dB / 5MHz		
<b>CMRR</b>	60dB / 5MHz		
<b>Operation temperature</b>	-20°C + 55°C		
<b>Storage temperature</b>	-40°C + 60°C		
<b>Permissible relative humidity</b>	<95%		
<b>Dimensions</b>	15 × 20 × 52 mm (with cable - 170mm length)		
<b>Net / gross weight</b>	0,04kg		
<b>Declarations, warranty</b>	CE, one year from the production date		

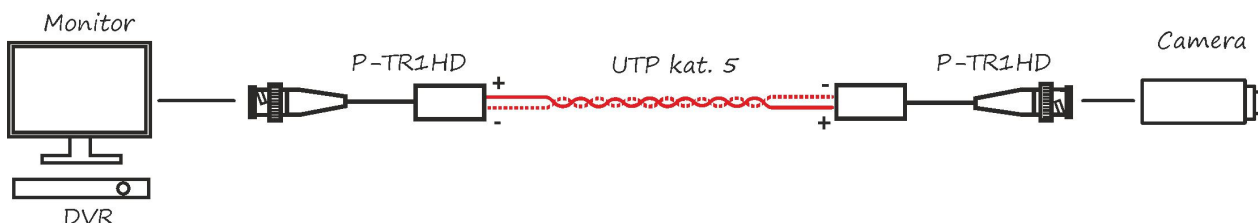


Fig. 1. Video image transmission using twisted-pair cable.



**WEEE MARK**

According to the EU WEE Directive – It is required not to dispose of electric or electronic waste as unsorted municipal waste and to collect such WEEE separately.