

CODE: **P.-TR3HD** v.1.0/1 EN\*\*  
 TYPE: **P- TR3HD Set of passive video HD transmitters with angled BNC plug**



**DESCRIPTION**

The P-TR3HD 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. P-TR3HD is ended with BNC plug located directly on the housing of the transformer.

**TECHNICAL DATA**

<b>The video signal</b>	1,0V <sub>p-p</sub> , 75 Ω
<b>Video transmission range</b>	AD-TVI, HDCVI, AHD- 120m / UTP 5e or higher CVBS - 400m
<b>Video bandwidth</b>	0 ... 50 MHz (-3 dB)
<b>Impedance of the coaxial connector / connector type</b>	75 Ω / BNC plug
<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>	-30°C ÷ 60°C
<b>Permissible relative humidity</b>	<95%
<b>Dimensions</b>	30 × 30 × 20mm
<b>Net / gross weight</b>	0,03kg
<b>Declarations, warranty</b>	CE, one year from the production date

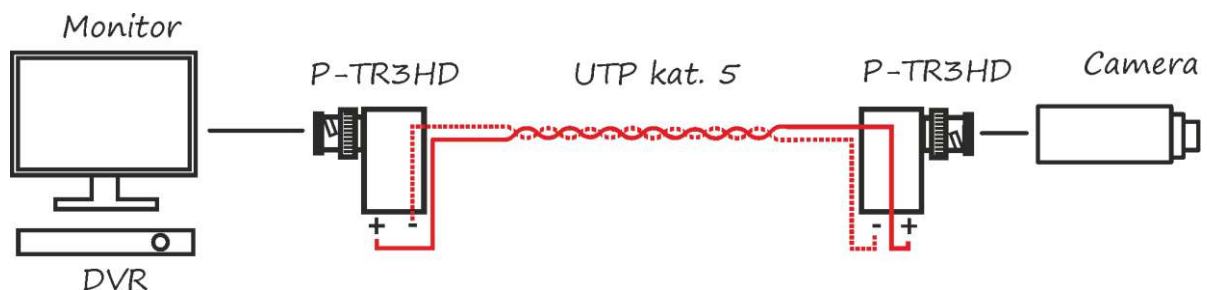


Fig. 1. Video image transmission using twisted-pair cable.