

CODE: **P- TR1HD3** v.1.0/l

EN\*\*

TYPE: **P- TR1HD3 Set of passive video HD transmitters with BNC plug on the cable (screw terminals)**



The ability to connect transmitters (fast Click type connection)



**DESCRIPTION**

The P-TR1HD3 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-TR1HD3 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. In addition, all transmitters can be combined with each other (Click system) into larger groups, which improves the aesthetics of the installation.

**TECHNICAL DATA**

<b>The video signal</b>	1,0V <sub>p-p</sub> , 75Ω
<b>Video transmission range</b>	HD-TVI, HD-CVI, AHD-200m / 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 (using the 100mm cable)
<b>Impedance of the unbalanced connector / connector type</b>	100Ω / 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 × 15 × 47mm (with cable - 155mm length)
<b>Net / gross weight</b>	0,06kg
<b>Declarations, warranty</b>	CE, one year from the production date

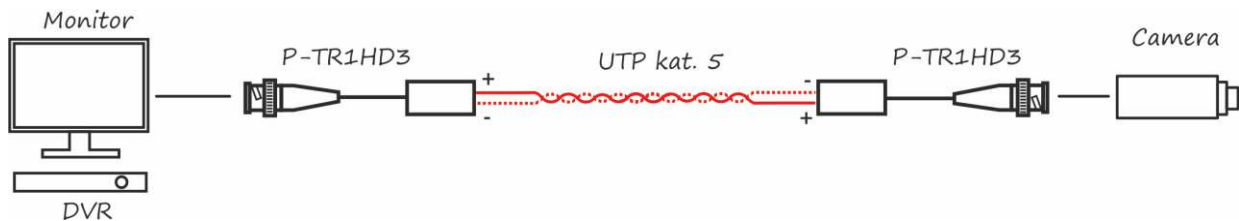


Fig. 1. Video image transmission using twisted-pair cable.