

Ref: ACDX-00026

## EXTENDER VGA + AUDIO / UTP 140M

The transmitter and receiver set enables VGA signal + 2 Audio (Stereo) channels transmission for a distance up to 50-140 m via UTP cable. The transmitter converts the VGA signal, what enables its transmission via twisted-pair cable. Three pairs of wires allow to RGB signals transmission, the fourth pair - the synchronization of the transmission.

The transmitter and receiver are sold as a set and a both devices need to be used for complete channel transmission.

**Transmitter and receiver are in the kit.**



Device type:	<b>Active / Transmitter</b>
Inputs:	<ul style="list-style-type: none"> <li>• Video - VGA</li> <li>• Audio - stereo (Jack)</li> </ul>
Outputs:	<ul style="list-style-type: none"> <li>• Monitor - VGA</li> <li>• UTP</li> <li>• Audio - stereo (Jack)</li> </ul>
Power supply:	12 V DC / 1000 mA (power adapter included)
Video transmission range:	max. 140 m
Symmetrical socket impedance:	100 Ω
Connectors type:	<ul style="list-style-type: none"> <li>• 2 x VGA - Socket</li> <li>• 2 x Jack 3.5 mm socket</li> </ul>
Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Weight:	0.2 kg
Dimensions:	105 x 95 x 27 mm
Device type:	<b>Active / Receiver</b>
Inputs:	UTP
Outputs:	<ul style="list-style-type: none"> <li>• Monitor - VGA</li> <li>• Audio - stereo (Jack)</li> </ul>
Power supply:	12 V DC / 1000 mA (power adapter included)
Video transmission range:	max. 140 m
Symmetrical socket impedance:	100 Ω
Connectors type:	<ul style="list-style-type: none"> <li>• 1 x VGA Socket</li> <li>• 1 x Jack 3.5 mm socket</li> </ul>

Symmetrical socket type:	RJ-45 (8-pin, 4 pairs) Socket
Weight:	0.1 kg
Dimensions:	72 x 46 x 24 mm
Main features:	<ul style="list-style-type: none"><li>• UTP cat. 5, 5e, 6</li><li>• Signal correction</li><li>• Metal housing</li></ul>
Resolution:	<ul style="list-style-type: none"><li>• 1280 x 1024 px SXGA @ 60 m (manufacturer data)</li><li>• 1024 x 768 px XGA @ 76 m (manufacturer data)</li><li>• 800 x 600 px SVGA @ 106 m (manufacturer data)</li><li>• 640 x 480 px VGA @ 137 m (manufacturer data)</li><li>• 1920 x 1080 px Full HD @ 45 m (our tests result)</li><li>• 1024 x 768 px XGA @ 100 m (our tests result)</li></ul>
Bandwidth:	≤ 60 MHz DC
Insertion loss:	< 3 dB
Return loss:	max. -15 dB
Grounding:	via grounding bolt
Operation temp:	0 °C ... 55 °C
Permissible relative humidity:	≤ 95 %