

## TPR375 - 150M / 300M CAT5 VGA + Audio + RS-232 Extender Kit

It is a twisted-pair RS-232 control signal Transmitter-Receiver (Control Signal Extender). Transmitter encodes RS-232 control signals and transmits them over a single twisted-pair cable at a distance up to 1000-ft depending upon baud rate from 2400 bps to 115 kbps. It is powered by the included AC power adapter, just plug in twisted-pair CAT5e/CAT6 cable into RJ-45 plug and connect the RS-232 cable in the DB-9 connector. Receiver decodes RS-232 control signals received over a single twisted-pair cable at a distance up to 1000-ft. It is powered by the included AC power adapter, just plug in twisted-pair CAT5 cable into RJ-45 plug and connect the RS-232 cable in the DB-9 connector



### TTR171 RS-232 control signal Transmitter over twisted-pair CAT5e/CAT6 cable

It is a twisted-pair RS-232 control signal Transmitter. It encodes RS-232 control signals and transmits them over a single twisted-pair cable at a distance up to 1000-ft depending upon baud rate from 2400 bps to 115 kbps. It is powered by the included AC power adapter, just plug in twisted-pair CAT5e/CAT6 cable into RJ-45 plug and connect the RS-232 cable in the DB-9 connector.

#### Feature

- Extends VGA, Stereo Audio and RS-232 signals up to 300m (1,000 ft) over a single CAT5 cable
- Extends RS-232 signals to remote RS-232 compliant device. It is perfect for digital signage applications, such as Turn On/Off displays, Volume control
- Pure hardware, Plug n Play design
- Razor sharp video, plus high fidelity stereo audio
- Resolution up to 1920 \* 1200 @60 Hz
- Receivers have Gain and EQ adjustments for optimum image quality
- Supports the latest TFT, LCD, VGA, SVGA, XVGA, SXGA, MultiSync monitors and DDC high resolution
- This Extender Kit adds RGB skew adjustment, for 300m extra long cable runs

### TRR275 RS-232 control signal Receiver over twisted-pair AT5e/CAT6 cable

It is a twisted-pair RS-232 control signal Receiver. It decodes RS-232 control signals received over a single twisted-pair cable at a distance up to 1000-ft depending upon baud rate from 2400 bps to 115 kbps. It is powered by the included AC power adapter, just plug in twisted-pair CAT5 cable into RJ-45 plug and connect the RS-232 cable in the DB-9 connector.

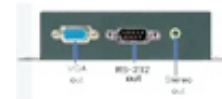
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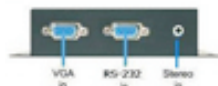
Front Panel



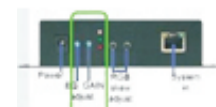
Front panel



Back panel



Back Panel



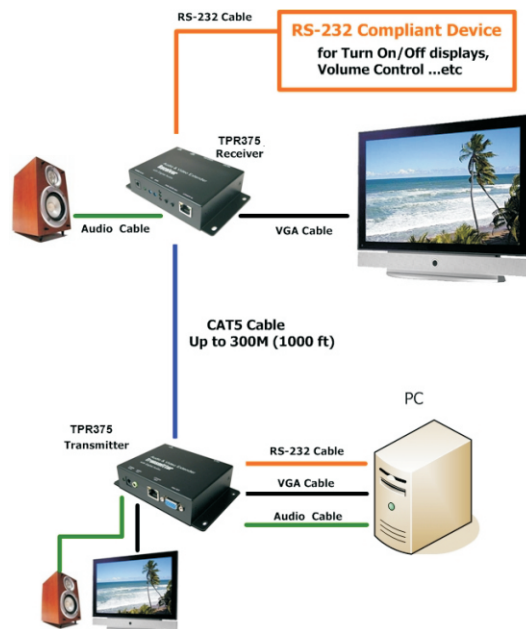
## TTR171 Specification

<b>System Cable</b>	CAT5, FTP Solid Wire 2 x 4 x 24 AWG, standard 568B RJ-45 connector
<b>System OUT</b>	1-RJ45F
<b>System IN</b>	N/A
<b>VGA IN</b>	1 x HDD15 F
<b>VGA OUT</b>	1 x HDD15 F
<b>Audio IN</b>	1x 3.5 mm Stereo Jack
<b>Audio OUT</b>	1x 3.5 mm Stereo Jack
<b>RS-232 IN</b>	1 x HDD-9 Female
<b>RS-232 OUT</b>	N/A
<b>Video Gain</b>	N/A
<b>Video EQ</b>	N/A
<b>Video RGB Skew</b>	N/A
<b>Power</b>	1 x Power Jack
<b>Power LED</b>	1 (Green)
<b>RGB LED</b>	N/A
<b>Audio Supports</b>	Stereo Audio
<b>Video Supports</b>	1920 x 1200@ 60 Hz , DDC2B
<b>Distance</b>	Depends on receiver, and CAT5 cable quality. 0~300M (500 ft ~1000 ft.)
<b>Power Consumption</b>	External 100~240VAC to output DC +5.0V; 1.2A
<b>Operating Temp</b>	0~70°C
<b>Storage Temp</b>	-20~70°C
<b>Humidity</b>	0~80% RH
<b>Housing</b>	Metal
<b>Dimensions</b>	14 x 9.3 x 3.2 cm (5.5 x 3.6 x 1.26 in.)
<b>Weight</b>	380g (0.84 lbs)

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<b>System Cable</b>	CAT5, FTP Solid Wire 2 x 4 x 24 AWG, standard 568B RJ-45 connector
<b>System OUT</b>	N/A
<b>System IN</b>	1-RJ45F
<b>VGA IN</b>	N/A
<b>VGA OUT</b>	1 x HDD15 F
<b>Audio IN</b>	N/A
<b>Audio OUT</b>	1x 3.5 mm Stereo Jack
<b>RS-232 IN</b>	N/A
<b>RS-232 OUT</b>	1 x HDD-9 Male
<b>Video Gain</b>	1 x Mini Pot
<b>Video EQ</b>	1 x Mini Pot
<b>Video RGB Skew</b>	2 x mini Push button
<b>Power</b>	1 x Power Jack
<b>Power LED</b>	1 (Green)
<b>RGB LED</b>	3 x R/G/B
<b>Audio Supports</b>	Stereo Audio
<b>Video Supports</b>	1920 x 1200@ 60 Hz , DDC2B
<b>Distance</b>	Depends on receiver, and CAT5 cable quality. 0~300M (500 ft ~1000 ft.)
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## Application Diagram



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