



VA-1USB-T

USB Twisted Pair Transmitter



The VA-1USB-T is a high-performance, twisted pair transmitter for communicating USB, bidirectional RS-232 data and IR signals over extended distances using CAT 5/6 cable. The unit encodes USB signals and RS-232 data into a TP signal that it transmits to the VA-1USB-R.

FEATURES

- **USB 2.0 High Speed and USB 1.1 Signals** - Operates in bulk mode, not isochronous mode. (Note that many USB cameras work in isochronous mode.)
- **True Plug and Play Operation** - No drivers.
- **RS-232 Data Transmission** - Full duplex, bidirectional.
- **Range** - Up to 100m (330ft).

TECHNICAL SPECIFICATIONS

INPUTS:	1 USB host on a USB B-type connector, 1 bidirectional RS-232 on a 9-pin D-sub connector.
OUTPUTS:	1 twisted pair on an RJ-45 connector, 1 IR on a 3.5mm mini jack.
USB SUPPORT:	1.1 and 2.0 (bulk mode, not isochronous).
BAUD RATE:	Up to 115.2kbps, full duplex.
POWER CONSUMPTION:	5V DC, 450mA.
TRANSMISSION RANGE:	Up to 100m (328ft).
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-T2B 19" rack adapter.
PRODUCT DIMENSIONS:	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00") W, D, H
PRODUCT WEIGHT:	0.5kg (1.0lbs) approx.
SHIPPING DIMENSIONS:	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83") W, D, H
SHIPPING WEIGHT:	0.9kg (2.0lbs) approx.

