

TWM2-TWT2-TWRB2-TWRR2-TWRC1



VIDEO TRANSMISSION

TWM2

SMALL ACTIVE TWISTED-PAIR VIDEO TRANSMITTER



MAIN FEATURES

Transmission of B/W or colour video signal

Dimensions with BNC (connector not included): 40x25x63mm (1.57x0.98x2.5in)

Protected from ground loops and over voltage

Maximum distance to the receiver: up to 1500m (4900ft) for colour video signal, up to 2000m (6900ft) for B/W with UTP cat.5 cable

TWT2

OUTDOOR ACTIVE TWISTED PAIR VIDEO TRANSMITTER



MAIN FEATURES

Transmission of B/W or colour video signal

Small IP56 weatherproof box

Maximum distance to the receiver: up to 1500m (4900ft) for colour video signal, up to 2000m (6900ft) for B/W with UTP cat.5 cable

Protected from ground loops and over voltage

Available version 230Vac (mod. TWT2A)

TWRB2

OUTDOOR ACTIVE TWISTED-PAIR VIDEO RECEIVER



MAIN FEATURES

Reception of B/W or colour video signal

Small IP56 weatherproof box

Maximum distance to the transmitter: up to 1500m (4900ft) for colour video signal, up to 2000m (6900ft) for B/W with UTP cat.5 cable

Protected from ground loops and over voltage

Available version in standard Europe rack (TWRR2)

TWRR2

TWISTED-PAIR RACK VERSION VIDEO RECEIVER



MAIN FEATURES

Europe standard board

Same technical feature of the TWRB2

Maximum distance to the transmitter: up to 1500m (4900ft) for colour video signal, up to 2000m (6900ft) for B/W with UTP cat.5 cable

Protected from ground loops and over voltage

TWRC1

RACK BOX FOR TWRR2 RECEIVER



MAIN FEATURES

Up to max. 14 TWRR2

19" rack, 3HE

Power supply included

13-place rack case with closing plates for unused places

TECHNICAL DATA

GENERAL

Immunity to ground loops

Protection against over voltage

Active transmitters: TWM2, TWT2, TWT2A

Active receivers: TWRR2, TWRB2

Max distance with UTP Cat.5e

Active transmitter and receiver

- 1500m (4921ft) colour signal
- 2000m (6561ft) B/W signal

Retrofit on discontinued products: contact VIDEOTEC for further specifications.

MECHANICAL

TWM2

Dimensions: 40x25x63mm (2x1x2.5in) (without connector)

Unit weight: 0.1kg (2.2lb)

TWT2 - TWRB2 - TWT2A

Plastic material enclosure

Dimensions: 129x89x58mm (5x3.5x2.3in) (without cable glands)

Unit weight: 0.1kg (TWT2), 0.2kg (TWRB2)

TWRR2

Dimensions: 3Ux6TEx190mm Eurocard

Unit weight: 0.1kg (2.2lb)

TWRC1

Dimensions: Rack 19", 3U/84TE

Unit weight: 3kg (6.6lb)

ELECTRICAL

Transmitter video input: 1.0Vpp, 75 Ohm

Transmitter video output: 2x0.5Vpp

Video input receiver: 0.05Vpp - 0.55Vpp

Video output receiver: 1.0Vpp - 2.5 Vpp

Transmitter video output impedance: 110Ohm

Receiver video input impedance: 100 Ohm±10%

Power supply TWT2 / TWM2 / TWRB2 / TWRR2: 12Vdc/24Vac

Power supply TWT2A: 230Vac

Consumption max: 2W

Used cable UTP Cat.5e or above, 0.25mm² (24AWG), 100 Ohm

TWRC1

Consumption: 30W

Power supply supplied with TWRC1

IN 100-240Vac - OUT 12Vdc, 47/63Hz, 2A

SERIAL COMMUNICATIONS

Ability to increase the distances using intermediate pairs of transmitters/receivers (in this case we recommend not exceeding 3/4 of the maximum distance for the individual sector)

With cable UTP Cat.5e

ENVIRONMENT

For installation indoors and outdoors (for TWT2, TWRB2, TWT2A)

Indoor (for TWRC1, TWM2 and TWRR2)

Operating temperature: -10°C / +50°C (14°F / 122°F) (TWM2, TWT2, TWRB2, TWT2A)

CERTIFICATIONS

Electrical safety (CE): EN60950-1

Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3

IP protection degree: EN60529 (IP56, TWT2, TWRB2, TWT2A)

EAC certification

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
TWM2	0.2kg (0.4lb)	16x13x7cm (6x5x3in)	-
TWT2	0.1kg (2.2lb)	16x13x7cm (6x5x3in)	-
TWRB2	0.2kg (0.4lb)	16x13x7cm (6x5x3in)	-
TWRR2	0.1kg (2.2lb)	22x14.5x5cm (9x6x2in)	-
TWRC1	3.7kg (8lb)	55x30x18cm (22x12x7in)	-