

Specifications — VTT001 Series, VTR001 Series

Video

Number/signal type.....	1 set of proprietary analog signals
Connectors	1 RJ-45 female jack or 1 RJ-45 female jack on a 3" (7.6 cm) pigtail

Video input

Number/signal type	
VTT001 series.....	RGBHV, RGBS
VTR001 series.....	1 set of proprietary analog signals from a VTT001 model or an IN1404XT
Connectors	
VTT001 series.....	(1) 15-pin HD female
VTR001.....	1 RJ-45 female jack
VTR001 MAAP/AAP	1 RJ-45 female jack on a 3" (7.6 cm) pigtail
Nominal level	0.7 Vp-p for RGB
Minimum/maximum levels.....	Analog: 0.3 V to 1.45 Vp-p with no offset at unity gain
Impedance.....	75 ohms
Horizontal frequency.....	15 kHz to 130 kHz
Vertical frequency.....	30 Hz to 150 Hz

Video output

Number/signal type	
VTT001 series.....	1 set of proprietary analog signals
VTR001 series.....	RGBHV, RGBS
Connectors	
VTT001.....	1 RJ-45 female jack
VTT001 MAAP/AAP	1 RJ-45 female on a 3" (7.6 cm) pigtail
VTR001 series.....	(1) 15-pin HD female
Nominal level	0.7 V p-p for RGB
Minimum/maximum levels.....	0.3 V to 1.45 Vp-p
Impedance.....	75 ohms
Maximum resolution	1600x1200

NOTE Refer to the user's manual for the maximum distances recommended for specific resolutions.

Sync

Input type	
VTT001 series.....	RGBHV, RGBS
Output type	
VTR001 series.....	RGBHV, RGBS
Input level	2.0 V to 5.5 Vp-p with ± 0.2 VDC offset max.
Output level	3.0 V to 4.0 Vp-p
Input impedance	Hi-Z
Output impedance	75 ohms
Max. propagation delay	580 ns
Max. rise/fall time	45 ns
Polarity.....	Negative

General

Recommended cable type.....	CAT 5/5E/6 (shielded or unshielded)
Power	Supplied by an external power supply
External power supply	100 VAC to 240 VAC, 50/60 Hz, external; to 9 to 12 VDC, 2 A, regulated
Power input requirements.....	12 VDC, 0.1 A for VTT 12VDC, 0.15 A for VTR

Specifications — VTT001 Series, VTR001 Series, cont'd

Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Convection, no vents
Rack mount	Yes, also furniture and wall mountable with optional mounting hardware
Enclosure type	Metal
Enclosure dimensions	
VTT001/VTR001 MAAP	
Faceplate.....	1.4" H x 2.2" W x <0.1" D (3.5 cm H x 5.6 cm W x 0.1 cm D) (double space high MAAP plate)
VTT001/VTR001 AAP	
Faceplate.....	1.4" H x 3.5" W x 0.1" D (3.5 cm H x 8.9 cm W x 0.3 cm D) (double space high AAP plate)
VTT001 series	
Device	1.4" H x 1.4" W x 1.4" D (3.5 cm H x 3.5 cm W x 3.5 cm D) (Depth excludes connectors.)
VTR001 series	
Device	1.4" H x 1.4" W x 1.75" D (3.5 cm H x 3.5 cm W x 4.4 cm D) (Depth excludes connectors.)
Product weight	1.0 lbs (0.5 kg)
Shipping weight	3 lbs (2 kg)
Vibration.....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety.....	CE, C-tick, CUL, UL
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI
MTBF.....	30,000 hours
Warranty	3 years parts and labor

NOTE All nominal levels are at $\pm 10\%$.

NOTE Specifications are subject to change without notice.

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