

# Specifications — YCS Transcoder

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## Video

Gain .....	Unity
Crosstalk .....	-60 dB @ 3.58 MHz

## Video input

Number/signal type .....	1 NTSC/PAL S-video 1 NTSC/PAL composite video
Connectors .....	1 female 4-pin mini DIN 1 BNC female
Nominal level .....	1 V <sub>p-p</sub> for Y of S-video, and for composite video 0.3 V <sub>p-p</sub> for C of S-video
Minimum/maximum levels	
S-video .....	Y: 0.5 V to 2.0 V <sub>p-p</sub> C: 0.2 V to 0.6 V <sub>p-p</sub>
Composite .....	0.5 V to 2.0 V <sub>p-p</sub>
Impedance .....	75 ohms
Return loss .....	<-40 dB @ 0 to 10 MHz

## Video output

Number/signal type .....	2 S-video: 1 decoded from composite input, 1 buffered from S-video input 2 composite: 1 encoded from S-video input, 1 buffered from composite video input	
Connectors .....	(2) 4-pin mini-DIN 2 BNC female	
Nominal level .....	1 V <sub>p-p</sub> for Y of S-video, and for composite video 0.3 V <sub>p-p</sub> for C of S-video	
Minimum/maximum levels .....	S-video .....	Y: 0.5 V to 2.0 V <sub>p-p</sub> C: 0.2 V to 0.6 V <sub>p-p</sub>
	Composite ..	0.5 V to 2.0 V <sub>p-p</sub>
Impedance .....	75 ohms	

## Sync

Standards .....	NTSC 3.58, PAL
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## General

External power supply .....	100 VAC to 240 VAC, 50/60 Hz, external, autoswitchable; to 9 VDC, 1 A, regulated
Power input requirements .....	9 VDC, 0.3 A
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
Rack mount .....	Yes, with optional rack shelf, part #60-190-01 or #60-604-01
Enclosure type .....	Metal
Enclosure dimensions .....	1.75" H x 4.4" W x 6.7" D (1U high, quarter rack wide) 4.4 cm H x 11.2 cm W x 17.0 cm D (Depth excludes connectors.)
Product weight .....	0.8 lbs (0.4 kg)
Shipping weight .....	3 lbs (2 kg)
Vibration .....	ISTA 1A in carton (International Safe Transit Association)
Listings .....	UL, CUL
Compliances .....	CE, FCC Class A
Warranty .....	3 years parts and labor

**NOTE** All nominal levels are at ±10%.

**NOTE** Specifications are subject to change without notice.

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