

Sentech America
1345 Valwood Parkway
Suite 320
Carrollton, TX 75006
USA

Toll Free:
(877) 736-8324
Telephone:
(972) 481-9223
Fax:
(972) 481-9209

STC-R640/R645

Remote Head Cased Cameras



These cameras offer a remote head micro-packaged 1/4" color CCD in a variety of cable lengths and head orientations. Best of all, Sentech's remote head cameras are only a fraction of what conventional remote head cameras cost.

STC-R640 Series Cased Camera Back Panels:



STC-R640AS



STC-R640CC



STC-R640CT

R640AS

- Analog Control Knobs for DSP Control
 - Gain, Color, Sharpness and Gamma
- BNC for Video Out
- 12 Pin Hirose
 - Power & Y/C Out

R640CC

- Push to Set White Balance Switch
- RS232 Serial I/O for DSP Programming
- BNC for Video Out & Y/C Connector for Y/C Out
- 12 Pin Hirose
 - Power In, Y/C Out & HD/VD In

R640CT

- Terminal Strip Power
- Push to Set White Balance Switch
- RS232 Serial I/O for DSP Programming
- BNC for Video Out & Y/C Connector for Y/C Out
- BNC for VS Sync



STC-R640HD

STC-R640LHD

STC-R640UHD

REMOTE MICRO HEAD COLOR



NTSC & PAL (2, 3, 5, 10 Meter Cables)

Models	STC-R640	STC-R645
Image Sensor:	1/4" IT CCD Color	
Horizontal Resolution:	480 TV Lines	
Signal Format:	NTSC	PAL
Scanning Method:	2:1 Interlace	
Frame Rate:	30 fps	
Effective Picture Element:	768 (H) x 494 (V)	752 (H) x 582 (V)
Horizontal Frequency:	15.734kHz	15.625kHz
Vertical Frequency:	59.94Hz	50.00Hz
Gain:	AGC / Manual	
S/N Ratio:	> 48dB (AGC:Off)	
Gamma:	0.45 (default), DSP Adjustable (32 steps)	
Sync:	Internal/External VS (CT model) / HD/VD (CC model)	
Minimum Illumination:	1.99 Lux @ F1.2, 50 IRE	2.15 Lux @ F1.2, 50 IRE
White Balance:	Manual / Full Auto / Push-to-Set (CC and CT models only)	
Serial I/O:	RS-232C Controllable (for DSP)	
Electronic Shutter:	1/60 (1/50) ~ 1/10,000 (8 steps)	
Electronic Iris:	1/60 (1/50) ~ 1/10,000	
DSP:	10-Bit, User Programmable	
Video Output:	Composite and Y/C (available on select models)	
Video Output Level:	1.0Vp-p 75 Ω	
Y/C Output Level:	0.7Vp-p 75 Ω	
Lens Mount:	Micro and C-Mount (w/ adapter)	
Power Supply:	DC + 12V ± 10%	
Power Consumption:	2.64W, 220mA	
Operating Temperature:	-10°C ~ 45°C (14°F ~ 113°F)	
Dimensions:	51 (W) x 51 (H) x 55.5 (D) mm (2.04" x 2.04" x 2.22")	
	- Cased Camera CCU - Straight Finished Head 10mm Ø	
Weight:	Cased Camera CCU: 190g (6.7 oz.)	

Accessories

Cables	Power Supplies	Lens Mount	Lenses
CAB-3BNC	45-601	LEN-R640-CL	Model No.
CAB-6BNC	45-752		LEN-R640-L2.7
CAB-6Y/C	45-752A		LEN-R640-L4
12W-3.6PS	PWR-PSISP-6		LEN-R640-L8
	PWR-PSISP-6Y/C6		LEN-R640-L16
			LEN-R640-L1611
			LEN-R640-L2511
			Focal Length
			2.7mm
			4mm
			8mm
			16mm
			16mm
			25mm