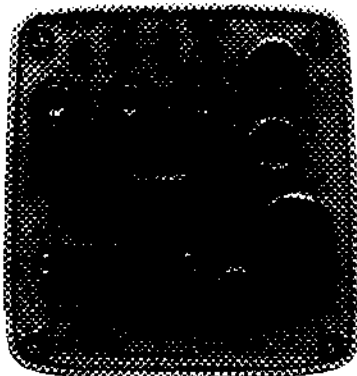
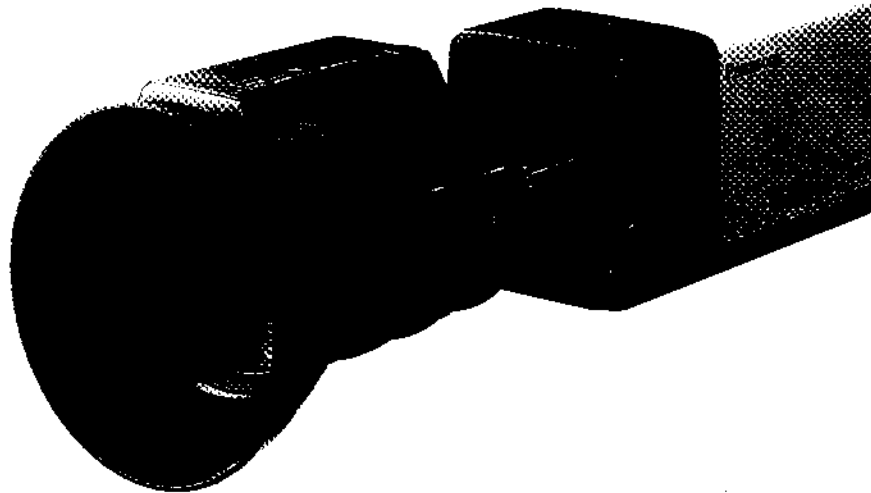


WV-E550 3CCD DSP Multi-Purpose Camera

Downloaded from: www.broadcast-trader.com.au



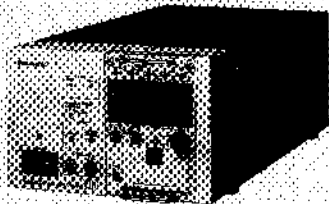
Rear

- Three 1/2" IT (Interline Transfer) CCD's with On-chip Optics
- Horizontal resolution of 800 lines, 60dB S/N ratio
- Minimum Scene Illumination of 7 lux at f1.4 with +18dB gain

- Compact and lightweight camera body; box outline for easy installation
- 20 different scene files for easy operation
(Mode 1 for indoor application, Mode 2 for indoor and outdoor application, Mode 3 for microscope application, Mode 4 for image capturing application 5 files each per mode)
- A unique coaxial control system for point-of-view application
- RGB output for graphics system
- Chroma detail circuit
- Dark detail circuit for natural image
- Highlight compression circuit for wide dynamic range
- Adjustable knee point for fine step response
- Variable speed electronic shutter
- 2-dimension low pass filter

Optional Accessories

WV-RC700A Remote Control Unit



- Video, control, gen-lock, power and audio signals are multiplexed via a coaxial cable.
- The coaxial, multiplex control system allows remote camera control with the RCU, WV-RC700A up to a distance of 300 m.

WV-CB700A Remote Control Box*



* 2 m RCB cable provided
Conversion Cable WV-CA28T10
required to connect to the WV-E550

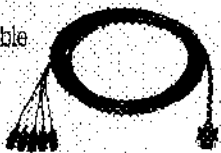
WV-CA10B25 (25 m)
WV-CA10B50 (50 m)
RCB Cables for extension

WV-RC550 Remote Control Unit



- 300 m from the WV-E550 Camera head using 26-pin multi-core cable
- Composite, Y/C Output
- 19" EIA rack-mountable 2U (44 mm) size

WV-CA9T5 Connection Cable (D-Sub/BNC)



WV-CA9T9 Connection Cable (D-Sub/D-Sub)



WV-PS550 Multiplex Adaptor



WV-E550

Pick-up Device: Middle index prism system (f1.4)
Image Sensor: Three 1/2" Interline transfer (IT) super high sensitivity CCD's:
752 (H) x 582 (V) pixels
Scanning System: 2:1 interlace, 625-line/50-field/25-frame, Horizontal: 15.625kHz,
Vertical: 50Hz
Lens Mount: Standard Bayonet mount for 1/2" pick-up device
External Synchronization: VBS/BB/HD-VD
Illumination Required: 2,000 lux, f8, 3,200K
Minimum Scene Illumination: 7 lux, f1.4, +18dB
Signal-to-Noise Ratio: 60dB (typical)
Horizontal Resolution: 800-line (high band DTL on)
Registration: Less than 0.05%
Detail: Horizontal/Vertical, 2H
White Balance: Automatic white balance set with 2-memory, 3,200K/5,600K
ATW (Auto-Tracing white balance)
Black Balance: Auto
Colour Bar: Full colour bar
Encoder: Y.U.V.
Shutter Speed: 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 sec.,
Synchro-scan (1/625 — 305/625, variable)
Gain: 0dB/+9dB/+18dB/AGC High, Low
Gamma: On/Off
Integration Mode: Field/Frame
Lens Iris: ALC type
Video Output: 1.0Vp-p, PAL composite/75Ω (BNC connector)
Y/C (S-Video) output:
1.0Vp-p, luminance (Y) composite/75Ω
0.3Vp-p, burst level chrominance/75Ω
R/G/B: 0.7Vp-p/75Ω
SYNC: 4Vp-p/0.3Vp-p, switchable
P_s/P_{cr}: 0.7Vp-p/75Ω
Power Source: 12V DC
Power Consumption: 12W
Ambient Operating Temperature: -10°C ~ 45°C
Dimensions (W x H x D): 81 x 86 x 169 mm
Weight: 1.2 kg