

TTV 1532

2/3 Inch. Studio/O.B. camera



- Top of the range, full broadcast quality pictures.
- Excellent colourimetry perfectly matching with that of the whole family of studio and lightweight cameras
- Full bandwidth R.G.B. triax system for operation up to 2100 m. Component and composite outputs.
- Full compatibility with the TTV 1624 tube-camera and TTV 1640 CCD camera.

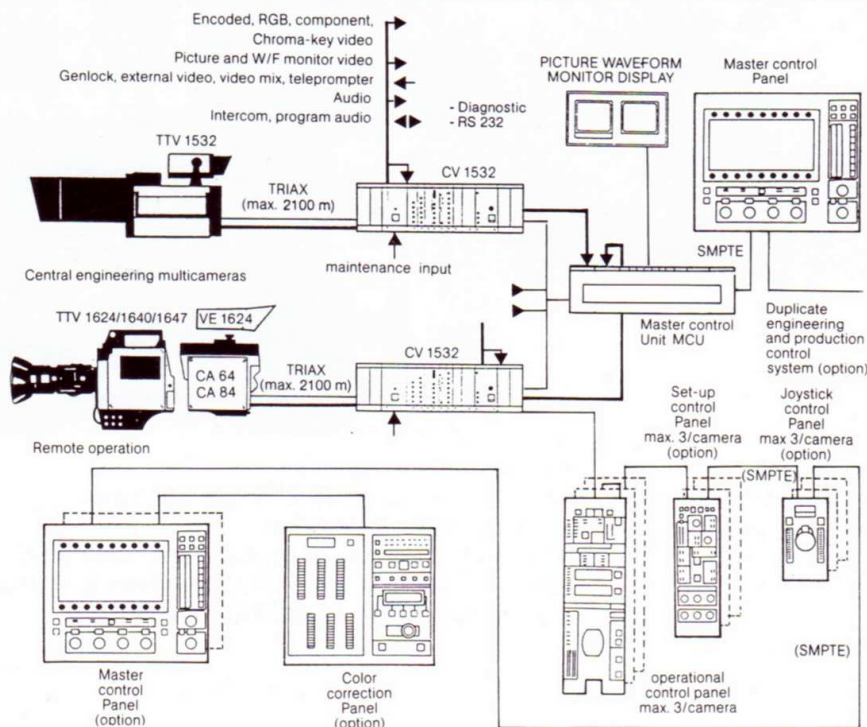
- Multicamera production.
- Many control and setup panels available.
- Centralized control panel
- Maximum flexibility of control panel operation. EBU — SMPTE interconnection allowing multiple sets of panels to access the camera.

TYPICAL PRODUCT CHARACTERISTICS

Transmission standard	525/60 NTSC ; 625/50 PAL/SECAM.	
Tubes	2/3° (18 mm) LOC diode Gun, lead oxide target layer.	
Optical system	f:1.4 RGB beam splitter with integral quarter-wave filter dual 6-position filter wheel.	
Sensitivity	1400 lux (130 Fc) at f:4 for 0.7 V video output (3 200°K incident light : 89.9 % reflectance white chart : nominal (0 dB) gain).	
Minimum illumination	22 lux (2 Fc) for 0.7 V video output (as above, except lens at f:1.4 gain + 18 dB).	
Gain selection (dB)	0, + 3, + 6, + 9, + 12, + 15, + 18,	
Color temperature	Dual 6-position filter wheel to give 3200°K or 5600°K plus 1/2 ND, 1/4 ND, 1/8 ND, 1/16 ND.	
Singal/noise ratio	525/60: 58 dB - 625/50: 57 dB (unweighted, in luminance channel: 0 dB gain, correction signals off)	
Depth of modulation at 400 TV lines (uncorrected)	50 % in green channel (correctable to 100 % in luminance output with aperture correction)	
Registration (1)	Zone 1 : 0,05 % (20 ns) ; zone 2 : 0,1 % (40 ns) ; zone 3 : 0,1 % (40 ns) ;	
Geometry (1)	Zone 1 : 0,1 % (40 ns) ; zone 2 : 0,2 % (80 ns) ; zone 3 : 0,2 % (80 ns)	
Maximum cable lengths	9 mm triax : 600 m — 13 mm triax : 1200 m — 19 mm triax : 2100 m. Power supply security with camera head identification	
Input signals	Composit video (loop input) — External video	
Genlock	2 x 2 wires/4 wires or RTS	
Intercom	Video return	
Microphone		
Teleprompter		
Output signals	2 RGB + 1 Y (R-Y) (B-Y) video or 3 RGB Video 1 RGB or 1 Y (R-Y) (B-Y) video (chroma key) 3 encoded video — 2 monitors — 2 W/F monitor video — 1 microphone	
Service signals	Microphone level - remote (SMPTE) 1 audio + on air (10 pin).	
Power requirement	100/120 V 60 Hz or 220/240 V 50 Hz, 150 W (TTV 1532)	
Power lens	Low voltage	
Utility power	Triax 12 V 50 W (Triax).	
Viewfinder	17 cm high resolution, high brightness, flat-face tube ± 50° tilt - ± 90° rotation	
	Head	CCU
Size L x W x H	460 x 250 x 380	EIA 19"3 RU
Weight (kg)	28	14
Environment	- 10°C + 45°C	
Temperature	- 30°C	
	with cover	
Humidity	95 % RH non conden.	

- (1) Zone 1 : center circle 0.8 picture height ;
zone 2 : circle diameter equal to picture width ;
Zone 3 : remainder of picture.
- (2) Ambient still-air shade temperature.

SYSTEM CONNECTION



LIST OF R/C PANELS

OCP : Operational control panel, setup and operation of a single camera.

SCP : Setup control panel, setup of a single camera.

JCP : Joystick control panel operation of a single camera.

MCU-MCP :

- Master Control Unit
- Master Control Panel for multiple camera setup and operation.

CCP : Colour correction panel, for multiple camera colour correction.

ACCESSORIES

- Full range of zoom lenses :
- FUJI 18 x 8 - 15 x 8
20 x 7 - 34 x 10 - x 44
- ANGENIEUX x 20 — x 40
- CANON x 20 — x 50

TTV 1530 AND TTV1532 PORTABLE COMPANION

The TTV 1624 and TTV 1640 cameras and CA 63, CA 83, (TTV1530) or CA 64, CA 84 (TTV 1532) rear modules provide a portable companion camera head with total operational compatibility with the TTV 1530 or TTV 1532 camera head.