TTV 1250 PROSCAN

E.D.T.V./ H.D.T.V. Camera



- Designed to be used in 2 modes:
  - **INTERLACED SCANNING:** 1250 : 50 : 2 : 1
    or 1050 : 60 : 2 : 1
  - **PROGRESSIVE SCANNING:** 625 : 50 : 1 : 1
    or 525 : 60 : 1 : 1
- Switchable **16/9 and 4/3** aspect ratio.
- Full auto set up with lens distortion correction.
- R.G.B. and component outputs
- Full compatibility with TTV 1532 Central control system.
- Multicamera productions.
- 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.

THOMSON VIDEO EQUIPEMENT

TYPICAL PRODUCT CHARACTERISTICS

Transmission standard	1250: 50: 2: 1 INTERLACED	625: 50: 1: 1 PROGRESSIVE.
	1050: 60: 2: 1 INTERLACED	525: 60: 1: 1 PROGRESSIVE.
Tubes	2/3'' (12 mm) LOC diode Gun, SATICON® or PLUMBICON®.	
Optical system	f:1,4 RGB beam splitter with dual 6 position filter wheel.	
Sensitivity	2200 lux (f/4, 3 200°K 0dB, 89,9% reflectance chart) with SATICON®; 1600 lux same condition PLUMBICON®	
Minimum illumination	50 lux for nominal 0.7 V video output (lens at f:1.4 gain + 12 dB).	
Gain selection (dB)	0, + 3, + 6, + 9, + 12 dB	
Signal/noise ratio	625: 50: 1 → 47 dB (15 MHz Bandwidth). 1250: 50: 2 → 43 dB (20 MHz Bandwidth).	
Depth of modulation at 400 TV lines (uncorrected)	40 % green channel @ 15 MHz (625: 50: 1) 20 % green channel @ 20 MHz (1250: 50: 2)	
Registration (1)	Zone 1 : 0,05 % ; Zone 2 : 0,1 % ;	Zone 3 : 0,1 % ;
Geometry (1)	Zone 1 : 0,1 % ; Zone 2 : 0,2 % ;	Zone 3 : 0,2 %
Cable	Multicore Cable 200 m.	
Input signals Genlock Intercom Microphone	TRI-LEVEL SYNC. 2 × 2 /4 wires or RTS	
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) 2 Monitor - WF outputs — 1 microphone	
Power requirement	100/120 V 60 Hz or 220/240 V 50 Hz, 160 W	
Viewfinder	17 cm high resolution, high brightness, flat-face tube ± 50° tilt - ± 90° rotation	
	Head	CCU
Size L x W x H Weight (kg) Environment Temperature Humidity	460 × 250 × 380 28 – 10°C + 45°C – 30°C with cover 95 % RH non condensing.	EIA 19'',3 RU 14 0°C + 45°C

(1) Zone 1 : center circle 0.8 picture height ;
Zone 2 : circle diameter equal to picture width ;
Zone 3 : remainder of picture.

REMOTE CONTROL PANELS

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

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

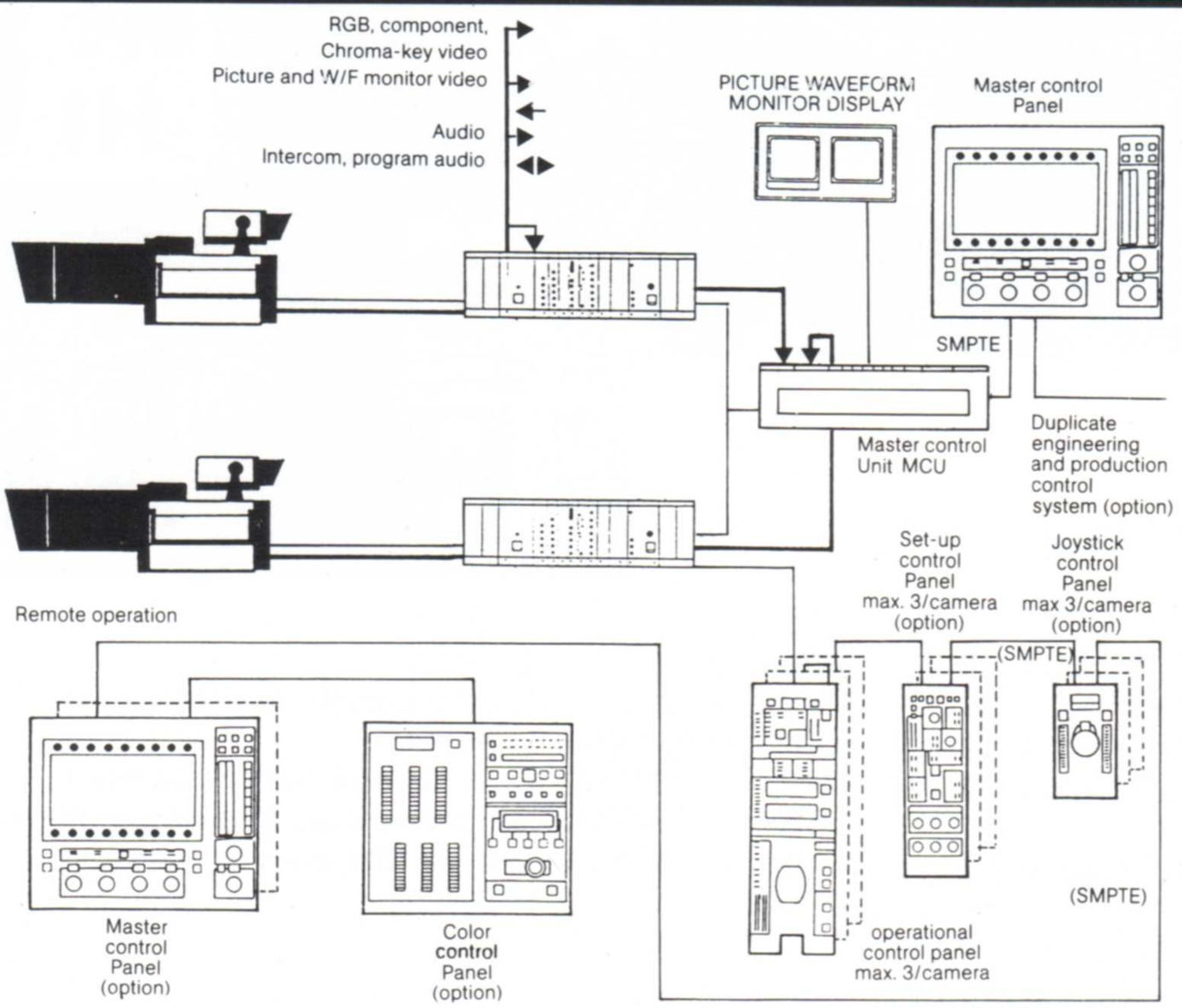
JCP : Joystick control panel operation of a single camera.

MCU-MCP :
- Master Control Unit
- Master Control Panel

for multiple camera setup and operation.

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

SYSTEM CONNECTION



ACCESSORIES

- Full range of zoom lenses :
- FUJI 18 × 8 - 15 × 8
  20 × 7 - 34 × 10 - × 44
- ANGENIEUX × 20 — × 40
- CANON × 16 × 20 × 50

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