



**SSM-14L1**  
**SSM-20L1**

## COLOUR VIDEO MONITORS

Designed especially for security applications, the SSM-14L1 and SSM-20L1 colour video monitors from Sony provide high resolution of 600 TV lines and built-in audio capacity. Incorporating a Sony Trinitron™ CRT and a number of convenient features, these monitors combine excellent image quality with durability and simplicity of use.



### Superb picture quality

Thanks to Trinitron technology, the SSM-14L1 and SSM-20L1 display excellent pictures and provide more detailed and brighter images than conventional shadow masking allows.

### More convenient monitoring

Another advantage of the Trinitron technology used in these monitors is that there is less external light reflection, a finer pitch at screen borders and wider viewing angles. This all adds up to mean easier monitoring.

### Ideal for installation in industrial environments

These monitors are ideal for systems that require many monitors or long cable runs because their metal cabinet minimises electrical and magnetic interference from external sources.

## Features

- Trinitron CRT with P-22 phosphors
- High resolution of 600 TV lines
- 4:3/16:9 capability
- Beam current feedback circuit for colour balance stability
- Loop-through composite and Y/C video inputs
- PAL, NTSC automatically detected
- Switchable colour temperature: D65/D93 or user preset (5,000 K to 10,000 K)
- On-screen menu in 6 languages
- Built-in speaker
- Durable metal cabinet
- Rack mountable
- Digital comb filter
- Worldwide power supply (AC 100 to 240 V, 50/60 Hz)
- Parallel remote control – Modular 8-pin

# SSM-14L1/20L1 SPECIFICATIONS

		SSM-20L1	SSM-14L1
<b>GENERAL</b>			
CRT	CRT type*	20-inch Trinitron	14-inch Trinitron
	AG pitch	0.4 mm	0.25 mm
	Phosphor	P-22	
	Effective picture size (4:3)	385.8 (W) x 290.6 (H) mm, 481.3 (Diagonal) mm	267.5 (W) x 200.6 (H) mm, 340.0 (Diagonal) mm
Centre Resolution (Y/C input 4:3)		600 TV lines	
Colour system		PAL, NTSC	
Scanning frequency		15.734 kHz (NTSC), 15.625 kHz (PAL)	
Normal scan		7% overscan	
Linearity	Horizontal	Less than 8% (typical)	
	Vertical	Less than 7% (typical)	
Convergence	Centre	0.5 mm (Typical)	0.4 mm (Typical)
	Peripheral	0.7 mm (Typical)	0.5 mm (Typical)
Raster size Stability	Horizontal	1.0% (typical)	
	Vertical	1.5% (typical)	
HV regulation		4.0% (typical)	3.5% (typical)
Colour temperature		D65/D93/User adjustable	
Power requirements		AC 100 to 240 V, 50/60 Hz	
Power consumption (Typical)		75 W	68 W
Dimensions (W x H x D)		Approx. 449 x 441 x 502 mm (17 3/4 x 17 3/8 x 19 3/8 inches)	Approx. 346 x 340 x 414 mm (13 5/8 x 13 1/2 x 16 3/8 inches)
Mass		Approx. 28.0 kg (61 lb 12 oz)	Approx. 15.0 kg (33 lb 1 oz)

<b>INPUT/OUTPUT</b>		
Line A Input/Output	Composite	BNC, Loop-through, automatic 75 Ω termination 1.0Vp-p +3 dB/-6 dB, sync negative
	Y/C**	Mini Din 4-pin, Loop-through, automatic 75 Ω termination
	Y	1.0 Vp-p, sync negative
	C	0.286 Vp-p (NTSC) / 0.3 Vp-p (PAL)
	Audio	Phono jack, Loop-through, -5 dBu 47 kΩ or higher
Line B Input	Composite	BNC, 1.0 Vp-p +3 dB/-06 dB, sync negative
	Y/C**	Mini Din 4-pin
	Y	1.0 Vp-p, sync negative
	C	0.286 Vp-p (NTSC) / 0.3 Vp-p (PAL)
	Audio	Phono jack, -5 dBu 47 kΩ or higher
Remote	Parallel remote	Modular 8-pin (Fixed)
Built-in Speaker Output		0.8 W (Distortion: Less than 5%)

**REGULATION COMPLIANCE**  
 UL-1950, CSA-950, EN 60950, VCCI class A, FCC class A, IC class A, C-Tick, CE (LVD), CE (EMC), JEITA, DHHS, DNHW, CCC, KTL, BSMI

<b>OPERATING CONDITIONS</b>	
Operating temperature	0 to +35 °C (+32 to +95 °F)
Storage temperature	-10 to +40 °C (+14 to +104 °F)
Operating humidity	35 to 85% (No condensation)
Storage humidity	0 to 90%

\* Viewable area, measured diagonally

\*\* The Y/C input has priority over the composite input



Front panel control section



Rear panel connector section

## Optional Accessories



MB-502C



SLR-102



SLR-103C

## Dimensions

Unit: mm (inches)



Sony address/contact details/dealer stamp

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