

**SPECIFICATIONS OF MONITOR UNIT  
MU-190**

**1 GENERAL**

1.1	Display	19-inch color LCD
1.2	Effective area	376.32 x 301.06 mm
1.3	Resolution	SXGA (1280 x 1024 pixel)
1.4	Pixel pitch	0.294 mm (Horizon/Vertical)
1.5	Brightness	450 cd/m <sup>2</sup> typical
1.6	Contrast	900: 1
1.7	View angle	160° (up/down, left/right 80° or more)
1.8	Visible distance	1.02 m nominal
1.9	Input signal	
	RGB analog	1 port, non-interlace, RGB signal: 0.7 Vp-p, Sync. Signal: TTL level
	DVI-D	2 ports, DVI-standard, VESA DDC2B
	Composite signal	1 port, NTSC/PAL-standard, Video signal: 0.7 Vp-p
	USB	USB1.1, 12 Mbps (for dimmer control)
	RS-232C	EIA/TIA-232, 9600 bps (4800/19200/38400 bps)
	RS-485	EIA/TIA-485, 4800 bps (9600/19200/38400 bps)

**2 POWER SUPPLY**

100-230 VAC: 0.7-0.4 A, 1 phase, 50/60Hz

**3 ENVIRONMENTAL CONDITION**

3.1	Ambient temperature	-15°C to +55°C
3.2	Relative humidity	93% or less at 40°C
3.3	Degree of protection	IP22
3.4	Category of equipment	Protected from the weather
3.5	Vibration	IEC 60945 Ed.4

**5 UNIT COLOR**

N2.5