

# SMC-150F/152F

## 15" FLAT, COLOR MONITOR



### SUMMARY

The SMC-150F/152F is a 15" flat screen, color monitor housed in a metal case featuring looping video and audio circuits. This color monitor features a metal case, sturdy construction and was designed and built to be a security monitor. With 400 TV lines of resolution this monitor delivers high quality, near broadcast quality, video images in a compact 15" format. The SMC-150F/152F is equipped with a worldwide compatible power supply allowing it to function in both NTSC and PAL environments. Automatic 75Ohms terminations and on screen display-programming make this monitor an ideal choice for systems integration and other viewing environments. The Beam Current feedback circuit provides a high level of color stability. A regulated power supply maintains excellent performance during fluctuations in line voltage. The SMC Series of monitors is world renowned for high quality video imaging. The series is currently manufactured by Samsung for many of the top surveillance manufacturers in the world under OEM arrangements.

### FEATURES

- 15" Flat CRT, 0.60mm stripe pitch, 90° Deflection
- Max. 400 TV lines of horizontal resolution
- Looping through BNC connectors for 4 video inputs/1 output(SMC-152F)
- Looping through BNC connectors for 2 video inputs/ outputs(SMC-150F)
- Looping through BNC connectors for 1 video input for VCR
- Looping through RCA connectors for 4 audio inputs/1 output(SMC-152F)

- Looping through RCA connectors for 2 audio inputs/ outputs(SMC-150F)
- Looping through RCA connectors for 1 audio input for VCR
- Auto sequential switching function (SMC-152F)
- Auto skip and time adjustment(SMC-152F)
- Max. 1.5W speaker output
- World wide multiple system(NTSC/PAL)
- Automatic 75ohms termination
- Metal cabinet
- Menu control(On screen display)

### A & E'S

The product described in this specification shall be 15" flat screen color video monitor. This monitor shall have a viewable flat screen picture area of 15". The horizontal resolution of this monitor shall be 400 TV lines and will automatically detect NTSC or PAL video signals. The monitor shall provide loudspeaker volume from any two selected audio sources with front panel adjustment, shall have On screen controls for adjusting contrast, brightness, color, tint (NTSC signal only) and sharpness. On screen display shall provide feedback details of monitor adjustments. The monitor power on/off shall be controlled via a front panel push button switch.

### SPECIFICATION

Picture Tube: 15" CRT, 0.60mm Stripe Pitch, 90° Deflection

Horizontal Resolution: More than 400 TV Lines(Max)

Input Signal: Composite 1.0Vp-p

Video

Input: 2 BNC(SMC-150F), 4 BNC(SMC-152F), 1 BNC for VCR

Output: 2 BNC(SMC-150F), 1 BNC(SMC-152F)

Audio

Input: 2 RCA(SMC-150F), 4 RCA(SMC-152F)

Line level 500mV, 47Kohm(Hi-Impedance) 1 RCA for VCR

Output : 2 RCA(SMC-150F), 1 RCA(SMC-152F)

Subcarrier Frequency Sync. Range:

3.579545 MHz ± 500Hz(room temperature)

Horizontal Frequency Stability: 15.75 KHz ± 500Hz

Vertical Frequency Stability: 60 Hz ± 4Hz

High Voltage: 24KV ± 1.5KV

Power Requirement: AC100~240V, 50/60Hz

Environmental conditions:

Operating Temperature: -10 ~ 40 / 14°F ~ 104°F

Operating Humidity: Within 90% RH

Power Requirement: AC100~240V, 50/60Hz

Power Consumption: 62W

Weight: Approx. 13.0Kg / 29 lb

Dimensions(W X H X D): 365 X 341 X 391mm / 14.4" x 13.5" x 15.4"