

# GV-MB90

## 9" BLACK & WHITE HIGH RESOLUTION MONITOR



### SUMMARY

The GV-MB90 monochrome monitor produces high resolution (1000 lines at center), high contrast pictures on a 9-inch (23cm) diagonal screen. A quick start circuit produces an image on the screen within a few seconds after switching on the power. The monitor is housed in an enameled rugged steel cabinet for durability. The GV-MB90 features all solid state circuitry and video loop-through connectors with switchable high impedance/75 ohm termination. Front panel controls include Brightness, Contrast, Vertical-Phase, Horizontal-Phase and AC power On/Off. The GV-MB90 series is an excellent choice when you require a rugged, compact monochrome monitor. The reliable design of this monitor will provide years of trouble-free operation.

### FEATURES

- 1000 TV lines resolution
- Steel cabinet with plastic front panel
- Convenient front panel control
- With carrying handle at top
- 75 ohm high-impedance termination switch on rear
- For application with CCTV type cameras

### SPECIFICATIONS

#### General:

Construction: Steel cabinet with plastic front panel  
 Finish: Black matte texture coat  
 Dimensions(W x H x D): 220 x 235 x 252mm /  
 8.7" x 9.25" x 9.93"  
 Picture Tube Dimension: measured diagonally 9" (23cm)  
 Line width: 0.18mm  
 Weight (per unit): N.W./G.W.: 6kg / 6.8kg - 13.3lb / 15lb  
 Master Carton: 2 pcs/ctn  
 Front Control: Power ON / OFF: push button switch  
 H-PHASE/V-PHASE/CONTRAST/BRIGHTNESS: rotary control  
 With Audio Monitor: Volume: rotary control

#### Electrical

Input Voltage: 96~256V AC  
 EIA & CCIR 60 Hz/50Hz  
 Power Consumption: 28 W (Max.)  
 Input Signal: 0.5 to 2.0 Vp-p composite video  
 Input Impedance: 75 ohm or higher (switchable)  
 Bandwidth: 8 MHz  
 Video Gain: 30 dB

#### Resolution

Center: 1,000 lines  
 Corner: 800 lines

#### Linearity

Horizontal: 10% maximum  
 Vertical: 8%  
 Overscan: >10%

#### Operation System

##### EIA

Horizontal: 15,750 Hz  
 Vertical: 60 Hz

##### CCIR

Horizontal: 15,625 Hz  
 Vertical: 50 Hz

#### Connections

Video (In / Out): BNC x 2

#### Environmental

Operation Temperature: -10° to 50C° (14F° to 122F°)  
 Storage Temperature: -20 to 70C° (-4F° to 158F°)