

PanelVisa

Enrich your visual sense,
Make a **colorful** world emerging.



GM084 / GM121 / PB17M

8.4" / 12.1" / 17" Industrial LCD Touch Monitor

Cermate provides LCD Monitors - GM series with fast response, high brightness, high saturation and well contrast, which are setting in the industry. They are high-end LCD monitors as well as value-add features for touch. Cermate produces 3 various panel sizes which are 8.4", 12.1", 17", with different form factors include: 12.1" Aluminum Front Panel, 8.4" Plastic Housing, 17" Open Frame, Panel Mount, and Touch Screen, Digital/Analog RGB/Video AV signal input jacks and DC24 power adapter. This combination ensures an industrial monitor built specifically for machine maker to make their own equipments with their unique architecture.

FEATURES

- Low gamma, low power consumption
- High performance LCD monitor with touch panel
- High brightness, high grade flat panel display, well contrast
- Versatile design for commercial and industrial use
- LCD input interfaces: DVI-D / D-Sub Analog VGA / S-Video / AV(CVBS)
- Auto scaling resolution function
- OSD function keys on the front panel
- VESA 75mm standard screw holes supports with GM084



 CERMATE Technologies Inc.

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A Professional Touch Panel Manufacturer

HMI TOUCH PANEL

WIN CE TOUCH COMPUTER

LCD TOUCH MONITOR

IPC

The richest variety of functionalities, the most cost effective multimedia-ready board.

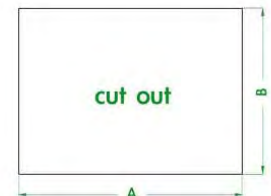
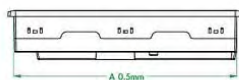
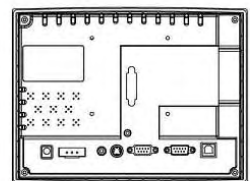
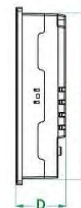
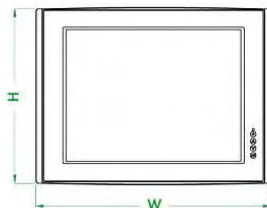
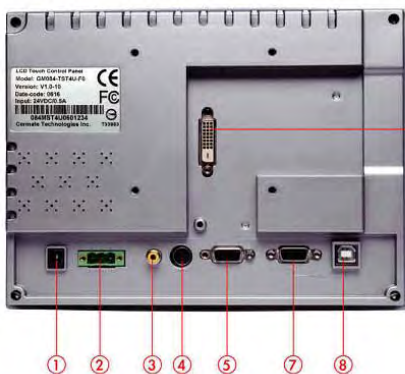
SPECIFICATIONS

Model Name	GM084-TST/TUT	GM121-XST/XUT	PB17M-TST/TUT
Viewable Size	8.4"	12.1"	17.0"
Display Type	TFT		
Resolution	800 x 600 Pixels	1024 x 768 Pixels	1280 x 1024 Pixels
Display Color	262K(18bits)	262K(18bits)	16.7M (24bits)
Brightness	350 cd/m ²	400 cd/m ²	300 cd/m ²
Contrast Ratio	350 : 1	500 : 1	450 : 1
Pixel Pitch	0.213 mm	0.24 mm	0.264 mm
Viewing Angle	60°(H) / 40°(V)	45°(H) / 35°(V)	80°(H) / 80°(V)
Display Area (mm)	170.4(H) x 127.8(V)	245.76(H) x 184.32(V)	337.92(H) x 270.34(V)
Response Time	20 ms	10 ms	11 ms
Power Source	24V DC		
Power Consumption	8W	12W	18W
Touch Panel (Optional)	GM084-TST (RS232 Interface) GM084-TUT (USB Interface)		
Input Interface	DVI / D-Sub VGA / S-Video / AV(CVBS)		
Backlight	2 CCFL	2 CCFL	4 CCFL
Storage temperature	-20°~ 60°		
Environmental	Operating temperature	0°~50°	0°~50°
	Relative humidity	10%-90%	10%-90%
	Shock (Operation)	10 to 55Hz (X, Y, Z direction 1G, 30 minutes)	
	EMI	Complies with FCC Part 15 Class B	
	CE	Complies with EN50081-2 and EN50082-2 standards	
Front Panel	Meets NEMA4/IP65		Open Fram
Certifications	CE 、 FCC		
Outlet Dimensions[W x H x D]mm	232.5 x 175.8 x 49	315 x 241x 54.5	TBD
Cutout Dimensions[A x B]mm	221.5 x 164	301.5 x 228	TBD
Net Weight[K.G]	0.9KG	2.2KG	TBD



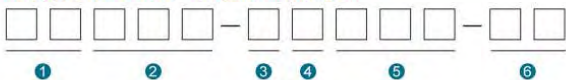
PARTS INTRODUCTION

- ① DC24V phone jet connector
- ② DC24V power input terminal
- ③ AV(CVBS) connector
- ④ S-Video
- ⑤ D-Sub analog VGA
- ⑥ DVI port
- ⑦ Touch panel RS232 interface
- ⑧ Touch panel USB interface
- ⑨ OSD function keys



All the specifications and photos are subjected to be changed without notice.

Industrial LCD Touch Monitor



ORDERING INFORMATION:

- ① Model Name : GM (Frame mode); PB (Open Frame Mode)
- ② LCD Dimension : 084 = 8.4 inches; 121=12.1 inches; 17M=17 inches
- ③ Touch Status : T=Touch Panel; 0=None
- ④ Touch Panel Interfaces : S = RS232 Interface; U = USB Interface (Ver1.1)
- ⑤ T4 = 4 wires Touch Panel; T8 = 8 wires Touch Panel; 00 = None
- ⑥ Front Frame Color : B0= Black ; C0= White; F0= Dark Silver; G0= Light Silver

Taiwan: Cermate Technologies Inc.
China: Shenzhen Cermate Technologies Inc.