

PanelVisa

The most compact HMI solution, provides incredibly versatile designs.



Reliable
Technical
Professional
A New Panel Emerging

GD17n-BST/GD17n-CST

5.7" Mono /Color OPENED HMI System

The GD series is a low budget entry device for simple applications equipped with necessary basic functions. It is a high function but cost effective HMI, which can communicate with more than 100 kinds of programmable controllers. With rugged plastic housing and IP65 front panel, the GD series conquers most harsh environments and meets many applications need, such as Factory Automation, Building Automation, Specified machine tools etc...

FEATURES ↙

- High Quality Control and 100% Product Test
- Powerful, Reliable and High Function Industrial Touch Control Panel
- Industrial Data Collection Unit
- IP65F Equivalent Front Panel
- Options 75x75 mm Standard Fixed Hole for VESA Arm Using
- Customize Logo / Membrane Design
- Customize BIOS for Users
- Lower Price & High Performance H.M.I.
- Patents/ New Type No.216778, New Type No. M 252995 and New Type No. ZL 2004 0002722-2



CERMATE Technologies Inc.

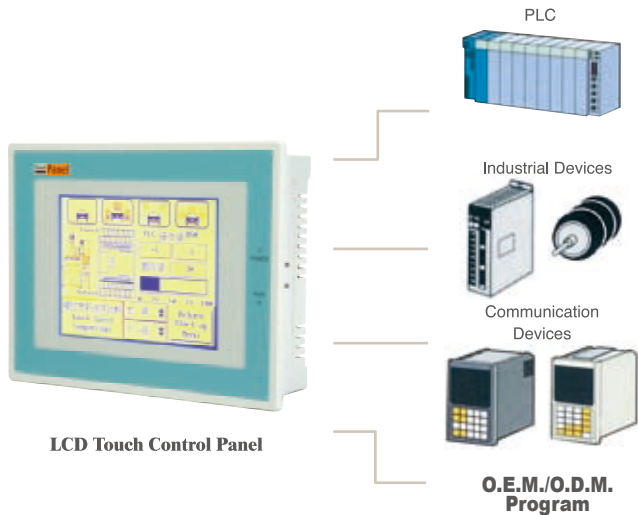
WWW.CERMATE.COM

A Professional Touch Panel Manufacturer

HMI TOUCH PANEL / WIN CE TOUCH COMPUTER / LCD TOUCH MONITOR

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

GD17n System Configuration



SPECIFICATIONS

CPU_ 80186 16 bits CPU
Backlight_ CCFL (20,000/hr in normal temperature)
Resolution_ 320x240 (5.7" diagonal)
Communication_ COM1/COM2, 2 serial ports
Operation_ Touch Panel (analog resistive type)
Print Port (Options)_ EPP Print Prot
Text Range_ 8x8 dot font~96x96 dot font
Input Power_ DC20V~DC28V

GD17n-CST

Display Type_ Color STN LCD, 16 color levels
Memory Size_ 1024K(576 Kbytes Flash) + 64 Kbytes Battery Backup SRAM
Power consumption_ 10W

GD17n-BST

Display Type_ Monochrome STN LCD, 4 gray levels
Memory Size_ 1024K (640 Kbytes Flash)
Power consumption_ 8W

- ① DC24V Power Input Terminal
- ② Com1 (RS232/422/485) DB9 Female Connector
- ③ Com2 (RS232/422/485) DB25 Male Connector
- ④ DIP-SW
- ⑤ Extension Bus

ENVIRONMENTAL

Operating Temperature_ 0°~50°C (32°~ 120°F)
Relative Humidity_ 10% ~ 90% @ 50°C, non-condensing
Shock (Operation)_ 10 to 55Hz (X, Y, Z direction 2G 120 minutes)
EMI_ Complies with FCC Part 15 Class A
EMC_ Complies with EN55022, EN61000-4-2, EN61000-4-3, EN61000-4-8
Front Panel_ Meets NEMA4 / IP65F

CERTIFICATIONS

CE, FCC approved

OUTLET DIMENSIONS

GD17n-CST: 203mm[7.99"] W x 155mm[6.10"] H x 48mm[1.89"] T
 GD17n-BST: 203mm[7.99"] W x 155mm[6.10"] H x 48mm[1.89"] T

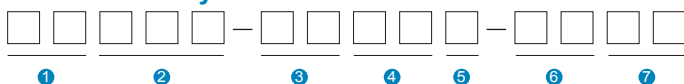
CUTOUT DIMENSIONS

GD17n-CST: 191.5mm[7.54"] x 142.5mm[5.61"]
 GD17n-BST: 191.5mm[7.54"] x 142.5mm[5.61"]

NET WEIGHT

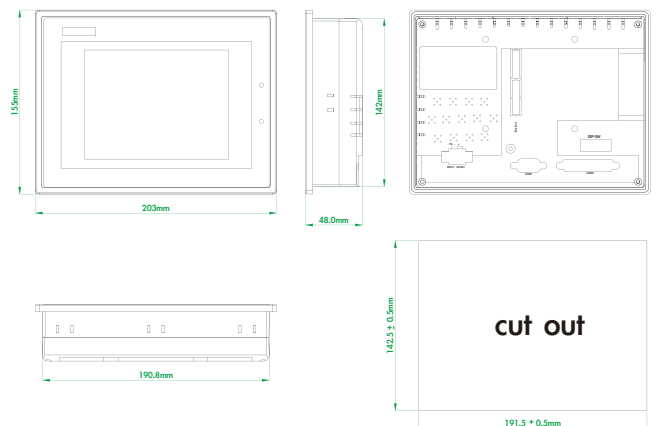
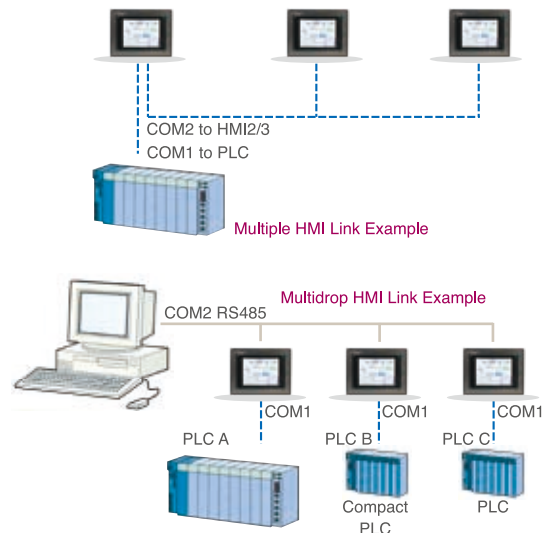
GD17n-CST/GD17n-BST: 0.8 KG

OPENED HMI System



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

GD17n-BST/GD17n-CST 5.7" mono /color OPENED HMI System



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

ORDERING INFORMATION:

- ① Model GD Series ; Intel 80186 16-bits CPU
- ② LCD Dimension 17n = 5.7 Inches
- ③ LCD Specification BST= 4-Gray Mono STN ; CST= 16-Colors STN
- ④ CPU Board & Touch Panel Specification:
 1=Com1 Only or OEM/ODM ; 2=Standard with 2 Com Ports ;
 3=Plus Extension Card ; 4=LAN Port; A~Z=For different extension modules use
- ⑤ LCD Brand A=Powertip ; C=CPT ; K=Kyocera ; N=Nanya
- ⑥ Case Color B0= Black ; C0= White ;D0= Dark Silver Black ; E0= Light Silver White
- ⑦ Rear Case 0 or None= Standard ; V= VESA Hole

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we surely reply you within 6 working hours:

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 Perfect Automation Solution	GNN VIETNAM
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