# MTS-12-3

# Touch Panel

MDTC

## Equipment Overview & Function



### Description

○ 12″ All-in-one Touch Computer Panel is designed to control integrating system with Main Control Unit (MMCU-100S, 150S, 200,250S, 300S) through RS-232C port.

### Features

○ Based on PC structure, its all purpose system is compatible with various CPU from NS Geode 233/300 MHz to Intel Pentium Ⅲ 850MHz.

○ Basically 4 Serial Port, 10/100 Ethernet, Sound, USB Port are installed. Additionally various I/O Card, PCMCIA Card, VISION Card are available for Field Bus Master Card, Motion Controller for more PC control usage.

### Panel Drawing



### Specifications

○ General Part

- Installing Copper Radiant Heat Panel and Dual Ball Bearing Cooling Fan prevent heat problem for CPU of Pentium Ⅲ.
- One of the safest chipset in the field-Intel440bx is used for main CPU board.
- Disconnecting external noise for serial ports protects ESD of 1.5Kv.
- Advanced 10/100 Base Ethernet (Supports Wake on LAN, Boot Rom, PXE function)
- Use best VGA Controller - C&T 69030
- Enables LCD Luminous Intensity control
- Self Diagnosis Function- GENESYS GL518SM
- Built-in Stereo Audio with 3watt GPS and Flash Disk support (No amplifier needed)
- 12.1" SVGA TFT LCD
- PCI and ISA
- 3.5"Hdd, Slim Size CD-ROM, 3.5" Fdd
- DISPLAY TYPE : 12.1" TFT
- RESOLUTION : 800 * 600
- MAX COLORS : 262K
- Slot : 1 PCI or 1 ISA



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## Specifications

### ○ General Part

- CPU : Intel Celeron/Pentium Ⅲ/850 Ns Ge Ode 233/266/300
- MEMORY : 256MB SDRAM (EMB-370 BOARD)/128MB SDRAM (EMB-586G BOARD)
- TOUCH SCREEN : 3M Dynapro Touch Screen : (ANAIOG REGISTIVE TYPE)
- THERS : 4 Serial Port, 1 Parallel Port, Sound / Mic / Line In Ports, External Crt Port, 2 Usb Port, 10/100M Lan
- RELATIVE HUMIDITY : 5% ~ 85% / 40℃(Non-Condensing)
-VIBRATION (OPERATION) : 5 ~ 500Hz 1G Rms Random Vibration

### ○ FRONT PANEL

- 7 Layer Dynapro Touch Screen gives maximum confidence
- Tempered Acrylic Screen provides perfect protection.
- Satisfied NEMA4/12IP65 standard.

### ○ Power Part

- Power source : 80 Watts, Input Voltage 90 ~ 270VAC/47 ~ 63Hz, Output Voltage +5V/10A, +12V/2.0A,



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