Automation for a Changing World

Delta Industrial Automation

TEXT PANELS & HUMAN MACHINE INTERFACES

DELTA

Smarter. Greener. Together.

7-Inch Touch Panel HMI with Built-in PLC `New`

TP70P-RM0

▶ Adopts core of SS2 series PLC with program of 2K steps and D devices of 5K words
▶ 7" TFT-LCD
▶ Touch screen
▶ Built-in USB port for program upload / download
▶ Built-in 2 sets of communication ports
▶ Supports MODBUS ASCII / RTU modes
▶ Built-in real time clock (RTC)

Dimensions	7" (154 x 85mm)
Resolution	800 x 480
Display Color	65535 colors
Flash Memory	64M bytes
SRAM	64k bytes
Function Keys	Not available
Password	Available
Recipe Function	Not available
Real-time Clock	Available
Serial COM Port	2 Sets of Communication ports
Editing Software	TPEditor

4 Line Text Panel HMI

TP04G-AL-C
TP04G-AL2

▶ 4.1" STN-LCD
▶ User-defined function keys available
▶ Supports RS-232/RS-422/RS-485 COM ports (TP04G-AL2)
▶ Password protection function available
▶ User-defined boot screen available
▶ Built-in real time clock (RTC)

Dimensions	4.1" (101.8 x 35.24mm)
Resolution	192 x 64
Display Color	Monochrome
Flash Memory	256k bytes
SRAM	16k/10k bytes
Function Keys	10 function keys
Password	Available
Recipe Function	Not available
Real-time Clock	Available
Serial COM Port	RS-232 & RS-422/485
Editing Software	TPEditor

4 Line Text Panel HMI

TP04G-BL-C

▶ 4.1" STN-LCD
▶ 0 ~ 9 numeric keys and user-defined function available
▶ Built-in RS-232 and RS-422/RS-485 ports
▶ Supports MODBUS ASCII/RTU modes
▶ Password protection function available
▶ User-defined boot screen available
▶ Built-in real time clock (RTC)

Dimensions	4.1" (101.8 x 35.24mm)
Resolution	192 x 64
Display Color	Monochrome
Flash Memory	256k bytes
SRAM	10k bytes
Function Keys	17 function keys
Password	Available
Recipe Function	Not available
Real-time Clock	Available
Serial COM Port	RS-232 & RS-422/485
Editing Software	TPEditor

8 Line Text Panel HMI

TP08G-BT2

▶ 3.8" STN-LCD
▶ Resolution: 240 x 128 dots
▶ Built-in 1024KB flash memory
▶ 24 user-defined function keys
▶ Built-in RS-232 and RS-422/RS-485 COM ports
▶ Supports recipes and macro functions

Dimensions	3.8" (83mm x 41 mm)
Resolution	240 x 128
Display Color	Monochrome
Flash Memory	1M bytes
SRAM	64k bytes
Function Keys	24 function keys
Password	Available
Recipe Function	Available
Real-time Clock	Available
Serial COM Port	RS-232 & RS-422/485
Editing Software	TPEditor

7-Inch Touch Panel HMI with Built-in PLC `New`

TP70P

▶ Adopts core of SS2 series PLC with program of 4K steps and D devices of 5K words

▶ Provides 2 sets of 10kHz high speed pulse input

▶ 7" TFT-LCD

▶ Touch screen

▶ Built-in USB port for program upload / download

▶ Built-in 2 sets of communication ports

▶ Supports MODBUS ASCII / RTU modes

▶ Built-in real time clock (RTC)

▶ Digital and Analog I/O points available

Dimensions	7" (154 x 85mm)
Resolution	800 x 480
Display Color	65535 colors
Flash Memory	64M bytes
SRAM	64k bytes
Function Keys	Not available
Password	Available
Recipe Function	Not available
Real-time Clock	Available
Serial COM Port	2 sets of RS-485
Editing Software	TPEditor

4-Line Text Panel HMI with Built-in PLC

TP04P

▶ Adopts core of SS2 series PLC with program of 8K steps and D devices of 5K words

▶ Provides 2 sets of 10kHz high speed pulse input

▶ 4.1" STN-LCD

▶ Provides 0 ~ 9 numeric keys with user defined function

▶ Built-in USB port for program upload/download

▶ Built-in 2 sets of RS-485 communication port

▶ Supports MODBUS ASCII/RTU modes

▶ User-defined boot screen available

▶ Built-in real time clock (RTC)

▶ Digital and Analog I/O points available

Dimensions	4.1" (101.8 × 35.24mm)
Resolution	192 x 64
Display Color	Monochrome
Flash Memory	1M bytes
SRAM	64k bytes
Function Keys	17 function keys
Password	Available
Recipe Function	Not available
Real-time Clock	Available
Serial COM Port	2 sets for RS-485
Editing Software	TPEditor

∆ELTA

High Color, High Resolution Human Machine Interfaces

4.3-inch Widescreen HMI
DOP-B03S(E)211

▶ 4.3" 16: 9 widescreen, 65536 colors TFT

▶ Display Resolution: 480 x 272 pixels

▶ Supports Ethernet

▶ USB Client for high-speed data transfer

▶ USB Host for direct connection to USB disk, printer, mouse and keypad

5.6-inch HMI
DOP-B05S111

▶ 5.6" 65536 colors TFT

▶ Display Resolution: 320 x 234 pixels

▶ USB Client for high-speed data transfer

▶ USB Host for direct connection to USB disk, printer, mouse and keypad

7-inch Widescreen HMI
DOP-B07S411 / DOP-B07S(E)415

▶ 7" 16: 9 widescreen, 65536 colors TFT

▶ Display Resolution: 800 x 480 pixels

▶ Supports Ethernet

▶ Supports SDHC card

▶ USB Client for high-speed data transfer

▶ USB Host for direct connection to USB disk, printer, mouse and keypad

▶ Supports audio output: MP3, Wav files

7-inch Widescreen HMI with Delta Professional Functions
DOP-B07PS415

▶ 7" 16: 9 widescreen, 65536 colors TFT

▶ Display Resolution: 800 x 480 pixels

▶ Supports SDHC card

▶ USB Client for high-speed data transfer

▶ USB Host for direct connection to USB disk, printer, mouse and keypad

▶ Supports audio output: MP3, Wav files

▶ Supports Electronic Cam (E-Cam) function (ASDA-A2)

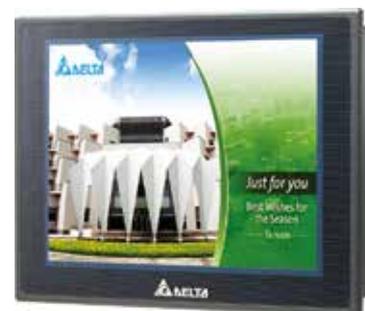▶ **Supports G-Code download function (DVP-10MC / DVP-20PM / AH20MC)**

7-inch HMI with Delta Professional Functions
DOP-B07PS515

- ▶ 7" 65536 colors TFT
- ▶ Display Resolution: 800 x 600 pixels
- ▶ Supports SDHC card
- ▶ USB Client for high-speed data transfer
- ▶ USB Host for direct connection to USB disk, printer, mouse and keypad
- ▶ Supports audio output: MP3, Wav files
- ▶ Supports Electronic Cam (E-Cam) function (ASDA-A2)
- ▶ **Supports G-Code download function (DVP-10MC / DVP-20PM / AH20MC)**
- ▶ The world's first design: the effective display area is the same as 7-inch models, but the panel cutout's dimensions are just the same as 5.6-inch models.

7-inch HMI
DOP-B07S(E)515

- ▶ 7" 65536 colors TFT
- ▶ Display Resolution: 800 x 600 pixels
- ▶ USB Client for high-speed data transfer
- ▶ USB Host for direct connection to USB disk, printer, mouse and keypad
- ▶ Supports audio output: MP3, Wav files
- ▶ The world's first design: the effective display area is the same as 7-inch models, but the panel cutout's dimensions are just the same as 5.6-inch models.

- ▶ Supports Ethernet
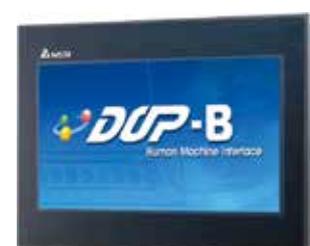- ▶ Supports SDHC card

8-inch HMI
DOP-B08S(E)515

- ▶ 8" 65536 colors TFT
- ▶ Display Resolution: 800 x 600 pixels
- ▶ USB Client for high-speed data transfer
- ▶ USB Host for direct connection to USB disk, printer, mouse and keypad
- ▶ Supports audio output: MP3, Wav files

- ▶ Supports Ethernet
- ▶ Supports SDHC card

10.1-inch Widescreen HMI
DOP-B10S411 / DOP-B10S(E)615

- ▶ 10.1" 16: 9 widescreen, 65536 colors TFT
- ▶ Display Resolution: 800 x 480 pixels/1024 x 600 pixels
- ▶ USB Client for high-speed data transfer
- ▶ USB Host for direct connection to USB disk, printer, mouse and keypad
- ▶ Supports audio output: MP3, Wav files

- ▶ Supports Ethernet
- ▶ Supports SDHC card

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10.4-inch HMI
DOP-B10S511 / DOP-B10E515

- ► 10.4" 65536 colors TFT
- ► Display Resolution: 800 x 600 pixels
- ► Supports audio output: MP3, Wav files
- ► Host for direct connection to USB disk, printer, mouse and keypad

- ► Supports Ethernet
- ► Supports SDHC card

10.4-inch Large-Size HMI `New`
DOP-W105B

- ► 10.4" 65536 colors TFT LCD
- ► Display Resolution: 800 x 600 pixels
- ► 1GHz high speed processor
- ► Supports audio output (MP3, Wav files)
- ► USB Host for direct connection to USB disk, printer, mouse and keypad

- ► Supports 2 Ethernet ports
- ► Supports SDHC card
- ► Supports video format: MPEG1, MPEG2, WMV

12-inch Large-Size HMI `New`
DOP-W127B

- ► 12" 65536 colors TFT LCD
- ► Display Resolution: 1024 x 768 pixels
- ► 1GHz high speed processor
- ► Aluminum enclosure with dark gray mold texturing
- ► 2 sets of COM ports, support RS232 / RS422 / RS485
- ► USB Host for direct connection to USB disk, printer, mouse and keypad

- ► Supports 2 Ethernet ports
- ► Supports SDHC card
- ► Supports video format: MPEG1, MPEG2, WMV
- ► Supports audio output: MP3, Wav files (built-in front speaker)

15-inch Large-Size HMI `New`
DOP-W157B

- ► 15" 65536 colors TFT LCD
- ► Display Resolution: 1024 x 768 pixels
- ► 1GHz high speed processor
- ► Aluminum enclosure with dark gray mold texturing
- ► 2 sets of COM ports, support RS232 / RS422 / RS485
- ► USB Host for direct connection to USB disk, printer, mouse and keypad

- ► Supports 2 Ethernet ports
- ► Supports SDHC card
- ► Supports video format: MPEG1, MPEG2, WMV
- ► Supports audio output: MP3, Wav files (built-in front speaker)

Optimum Combination of Display and Controller
Controllers with Human Machine Interfaces

7-inch Controller with HMI, Handheld Type
HMC07-N510(1)52

▶ 7" 65536 colors TFT

▶ Display Resolution: 800 x 600 pixels

▶ **Built-in PLC functions**

▶ RS-422 high-speed remote I/O connection

▶ Supports Ethernet

▶ Supports SDHC card

▶ Supports DMCNET

▶ Supports audio output: MP3, Wav files

▶ USB Host for direct connection to USB disk, printer, mouse and keypad

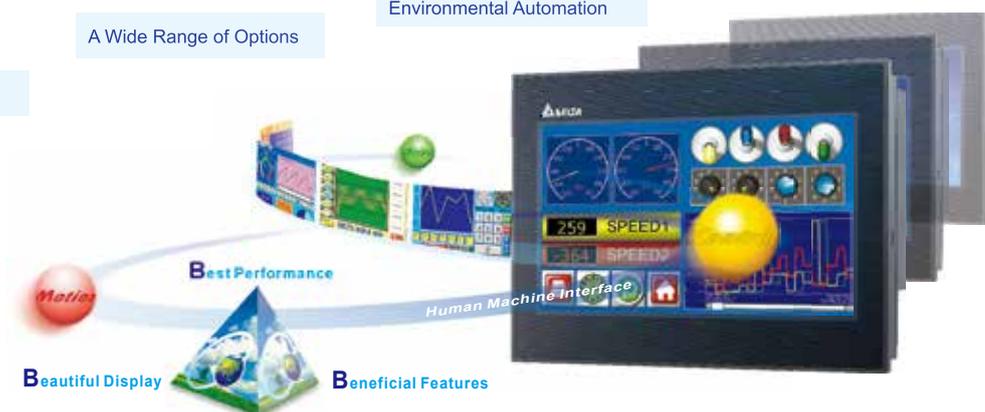# 8-inch Controller with HMI
HMC08-N500S52

▶ 8" 65536 colors TFT

▶ Display Resolution: 800 x 600 pixels

▶ **Built-in PLC functions**

▶ RS-422 high-speed remote I/O connection

▶ Supports MPG (Manual Pulse Generator) Input

▶ Supports Ethernet

▶ Supports SDHC card

▶ Supports DMCNET

▶ Supports audio output: MP3, Wav files

▶ USB Host for direct connection to USB disk, printer, mouse and keypad

High Quality
Full-Color Display

Energy Saving
Environmental Automation

A Wide Range of Options

Powerful Controller Drivers Support

Best Performance

Human Machine Interface

Beautiful Display

Beneficial Features

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![Delta logo] **NELTA**

Smarter. Greener. Together.

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