

Automation for a Changing World

Delta Human Machine Interface DOP-W Series



Advanced Specifications with New Features

- ▶ High-speed processing 1GHz CPU is equipped as standard
- ▶ Rugged and lightweight aluminum metal shell
- ▶ 1024 x 768 pixels (XGA) high resolution, high brightness touch screen (W127B: 500 cd/m² ; W157B: 450 cd/m²)
- ▶ Large-capacity Flash ROM 256MB
- ▶ High reliability display, touch screen percussion life at least 10,000,000 times



Abundant Peripheral Interface

- ▶ Supports two COM ports
- ▶ Supports two Ethernet ports
- ▶ Supports three USB Host 2.0
- ▶ Supports SD card



Built-in Stereo Speaker Make Alert and Warning More Effective

- ▶ Built-in 1.5W front stereo speakers
- ▶ IP65 waterproof front panel for harsh environments

Specifications

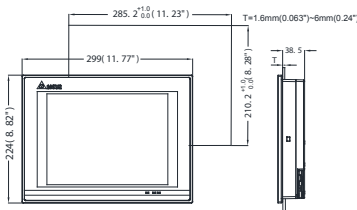
MODEL		DOP-W105B	DOP-W127B	DOP-W157B
LCD MODULE	Display Type	10.4" TFT LCD	12.1" TFT LCD	15" TFT LCD
	Resolution	800 x 600 pixels	1024 x 768 pixels	1024 x 768 pixels
	Backlight	LED Back Light	LED Back Light	LED Back Light
	Backlight Life	less than 10,000 hours	less than 30,000 hours	less than 80,000 hours
	Luminance	300 cd/m ² (Typ.)	500 cd/m ² (Typ.)	450 cd/m ² (Typ.)
Operation System		Windows® CE 6.0		
MCU		ARM Cortex-A8 (1GHz)		
NOR Flash ROM		NAND Flash ROM 256 MB		
SDRAM		256 Mbytes		
Backup Memory		800000 numbers of data (alarm data + historical data)		
Touch Screen Interface		4-wire resistive touch screen		
Buzzer		Multi-Tone Frequency (2K ~ 4KHz) / 80dB		
Audio Output		I2S Decode, Stereo Headphone jack only	I2S Decode, Stereo Headphone jack + Built in 1.5W Speaker	
USB		1 USB Host Ver 2.0	3 USB Host Ver 2.0	
SD		SDHC x 1		
Serial COM Port	COM1	N/A		
	COM2	RS-232 / RS-422 / RS-485 (has built-in isolated power circuit ^(Note 1))		
	COM3	RS-232 / RS-422 / RS-485 (has built-in isolated power circuit ^(Note 1))		
Ethernet		2 Ports IEEE 802.3 (10BASE-T) IEEE 802.3u (100BASE-TX) IEEE 802.3x (Full Duplex and flow control)		
Perpetual Calendar (RTC)		Built-in		
Backup Battery		Gold-capacitor		
Backup Battery Life		It can keep the RTC work at least seven days under the working environment where the conditions do not exceed the specifications for DOP-W series.		
Cooling Method		Natural air circulation		
Safety Approval		CE / UL ^(Note 3)		
Waterproof Degree		IP65 ^(Note 3)		
Operation Voltage ^(Note 2)		DC +24V (-10% ~ +15%) (please use isolated power supply)		
Operation Temperature		0°C ~ 50°C		
Storage Temperature		-20°C ~ +60°C		

NOTE:

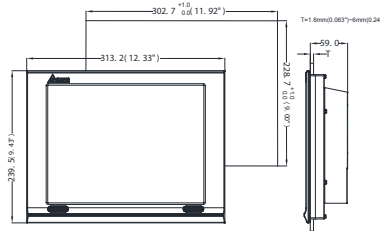
- 1) The withstand voltage of the isolated power circuit is 1500V peak for 1 minute.
- 2) The value of the power consumption indicates the electrical power consumed by HMI only without connecting to any peripheral devices. In order to ensure the normal operation, it is recommended to use a power supply which the capacity is 1.5 ~ 2 times the value of the power consumption.
- 3) Some models are in the process of application to UL certification. For more information, please consult our distributors.
- 4) The content of this brochure may be revised without prior notice. Please consult our distributors or download the most updated version at <http://www.deltaww.com>

Dimensions Unit: mm (inches)

• DOP-W1058B



• DOP-W127B



• DOP-W157B

