

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/m<sup>2</sup> ; W157B: 450 cd/m<sup>2</sup>)
- Large-capacity Flash ROM 256MB
- High reliability display, touch screen percussion life at least 10,000,000 times



## Abundant Peripheral Interfaces

- Supports two COM ports
- Supports two Ethernet ports
- Supports three USB Host 2.0
- Supports SD cards



## Built-in Stereo Speaker for More Effective Alerts and Warnings

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

# Specifications

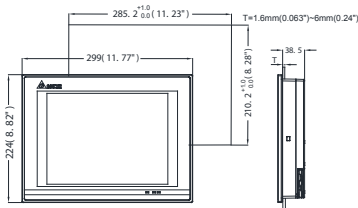
MODEL		DOP-W105B	DOP-W127B	DOP-W157B
LCD MODULE	Display Type	10.4" TFT LCD	12.1" TFT LCD	15" TFT LCD
	Resolution	800 x 600 pixels	1024 x 768 pixels	1024 x 768 pixels
	Backlight	LED Backlight	LED Backlight	LED Backlight
	Backlight Life	less than 10,000 hours	less than 30,000 hours	less than 80,000 hours
	Luminance	300 cd/m <sup>2</sup> (Typ.)	500 cd/m <sup>2</sup> (Typ.)	450 cd/m <sup>2</sup> (Typ.)
Operating 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 <sup>(Note 1)</sup> )		
	COM3	RS-232 / RS-422 / RS-485 (has Built-in isolated power circuit <sup>(Note 1)</sup> )		
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 working for at least seven days in a working environment where the conditions do not exceed the specifications for the DOP-W series.		
Cooling Method		Natural air circulation		
Safety Approval		CE / UL <sup>(Note 3)</sup>		
Waterproof Degree		IP65 <sup>(Note 3)</sup>		
Operation Voltage <sup>(Note2)</sup>		DC +24V (-10% ~ +15%) (please use isolated power supply)		
Operation Temperature		0°C ~ 50°C		
Storage Temperature		-20°C ~ +60°C		

**NOTE:**

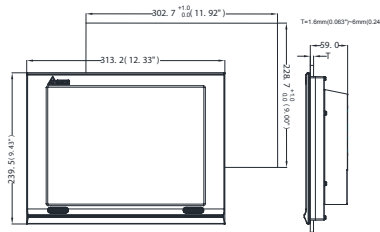
- 1) The isolated power circuit can withstand voltage of a 1500V peak for 1 minute.
- 2) The value of the power consumption indicates the electrical power consumed by HMI only without connecting to any peripheral devices. To ensure normal operation, it is recommended using a power supply with a capacity that 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)

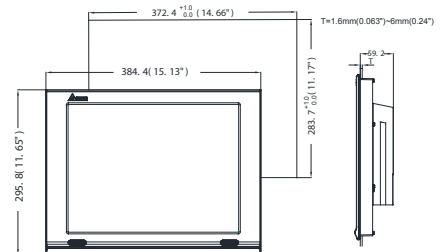
DOP-W1058B



DOP-W127B



DOP-W157B



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