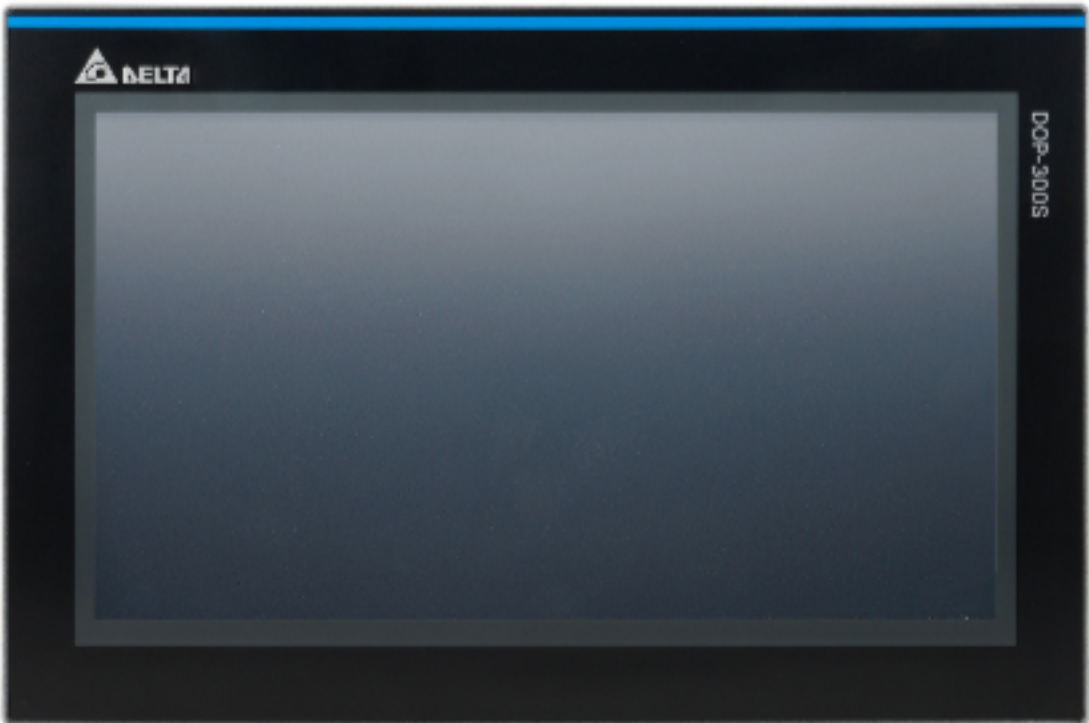




S Type

The Standard HMI is designed with basic cloud services and seamless connection, establishing a comprehensive industrial IoT solution. The fully laminated touchscreen panel and 170° ultra-wide viewing angle enhance the user experience.



Product Introduction

Features

- **Wireless networking design:** Built-in antenna, supports wireless modules
- **High-performance CPU:** Dual-core processor
- **Multiple communication protocols:** MQTT, OPC UA, Modbus, EtherNet/IP
- **Industrial internet of things (IIoT):** Provides Cloud Platform DIACloud
- **User-friendly design:** IPS design, fully laminated panel, wide screen and narrow bezel design
- **Safety certification:** CE/UL

Applications

- Data collection and monitoring remotely via cloud: Air Compressors, Water Pumps
- Medical, Pharmaceutical, Food & Beverages

Product Specifications

	DOP-3S07S3E2	DOP-3S10S3E2
Display Type	7" TFT LCD (24 bits)	10.1" TFT LCD (24 bits)
Resolution (Pixels)	1,024 x 600	
Back Light	LED Back Light (half-life > 20,000 hours at 25°C or 77°F)	
Display Area	154.21 x 85.92 mm	222.72 x 125.28 mm
Brightness	400 cd/m² (Typ.)	
CPU	ARM Cortex-A7 Dual Core 1.2GHz	
Flash ROM	512 Mbytes	
RAM	512 Mbytes	
Touch Panel	Four-wire resistor	
Viewing Angle	85/85/85/85	
Internet Interface	2 Port, 10/100 Mbps Auto detection (with built-in isolated circuits)	
USB Host	1 Port USB Ver 2.0 Type A 5 V / 1000 mA 1 Port USB Ver 2.0 Type C 5 V / 500 mA	
USB Slave	N/A	
SD	Micro SD	
Serial Communication Port	COM1: RS-232 (supports flow control) COM2: RS-232 / RS-485 COM3: RS-422 / RS-485	
Certification	CE / UL	
Operation Temperature	0 ~ 50°C	
Storage Temperature	-20 ~ 60°C	
Mounting Dimensions (W x H, mm)	186.8 x 126.8	255 x 170