

Unitary LCD Touch Control Panel

【Description】

DST70P LCD touch control panel is designed to work with Airtek controllers by direct connecting to its MSnet MODBUS port. Users can use the touch screen to read or write control points directly to most Airtek controllers. There are four function keys (⚙️ + F1 + F2 + F3) that can be assigned to graphic pages for quick access etc. The panel uses a 32-bit Microprocessor for fast processing speed and each page and point can be individually password protected. Airtek Bacsoft software is used to assign points and download the graphic pages. The graphics can be made with any popular graphics program such as Corel Draw, Paint, Adobe etc. It can also be used as an onsite commissioning tool or permanent mount anywhere for remote control and monitoring.



【Features】

- 32 bit Microprocessor.
- Wall mount or install on front of a control panel.
- MODBUS communication. Connect to the MSnet port of an AIRTEK controller as a human machine interface (HMI).
- 7.0" screen, 262K colors, touch screen TFT LCD, 800*480 pixel, setup with AIRTEK BACsoft software. Can support up to 65,536 colors.
- English, UTF-8 fonts.
- Four ⚙️ + F1 + F2 + F3 function keys, ⚙️ is system setup key. F1, F2, and F3 can be setup as short cuts to dedicated pages.
- Update firmware and upload graphic pages by using a Mini USB cable.
- 28M Bytes fonts and graphic memory. It can hold aprox 24 graphic pages (Actual pages depend on data size).
- Read/Write Present Value and Priority Array of AI/AO/AV/BI/BO/BV of the controller it attached to.
- It can display up to the last 80 alarms, it must be attached to a DAC, WC, or GC-DB controller to receive an alarm notification.
- 10 password levels. User can setup up to 20 passwords.
- Plug and play. Usefull for commissioning.

【Specification】

Power Supply	: 24VAC/VDC, 5VA (Do not use the internal 24VDC provided by a DDC).
LCD Display	: 7.0", 262K colors, touch screen TFT LCD, 800*480 pixels.
Miniprocessor	: 32 bit Microprocessor, 64K RAM, 384K Flash memory, 8M memory for fonts and user information.
MSnet Network	: A standard RS-485 MODBUS RTU port. Max. 1200M.
USB Port	: A Mini USB port for upload firmware and graphics.
Clock	: A gold capacitor to run clock for 48 hours after power failure.
Keys	: Four function keys ⚙️ + F1 + F2 + F3. ⚙️ is system setting key. F1, F2, and F3 are function keys.
Buzzer	: One buzzer
Environment	: 0~70°C, 0~95%RH non-condense.
Certificate	: EMC Directive 89/336/EEC (European CE Mark).
Accessory	
HMI-LINKER	: USB Setting cable (Mini USB)

【Installation】

- Panel mounted dimensions:- Hole 197.6 mm X 137.1 mm ± 0.5 .
- Lock the fixed brackets with the screws provided then install the controller and pushes down clips to lock into place.
- Use AWG22 shield cable and EMT.
- Use an independent 24VAC/DC power supply for this device. The power supply should not share with other devices.
- Use a PC running Bacsoft to connect to the DST70P using a USB2.0 to Mini USB cable (see Fig. 2).
- Avoid dust, condensation etc to prevent product damage.

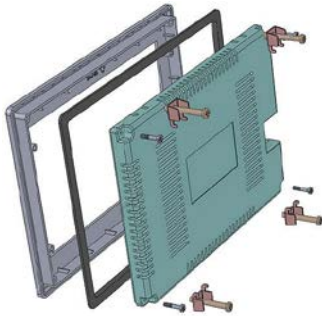


Fig. 1 Installation

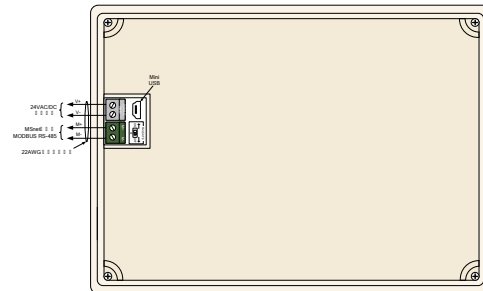
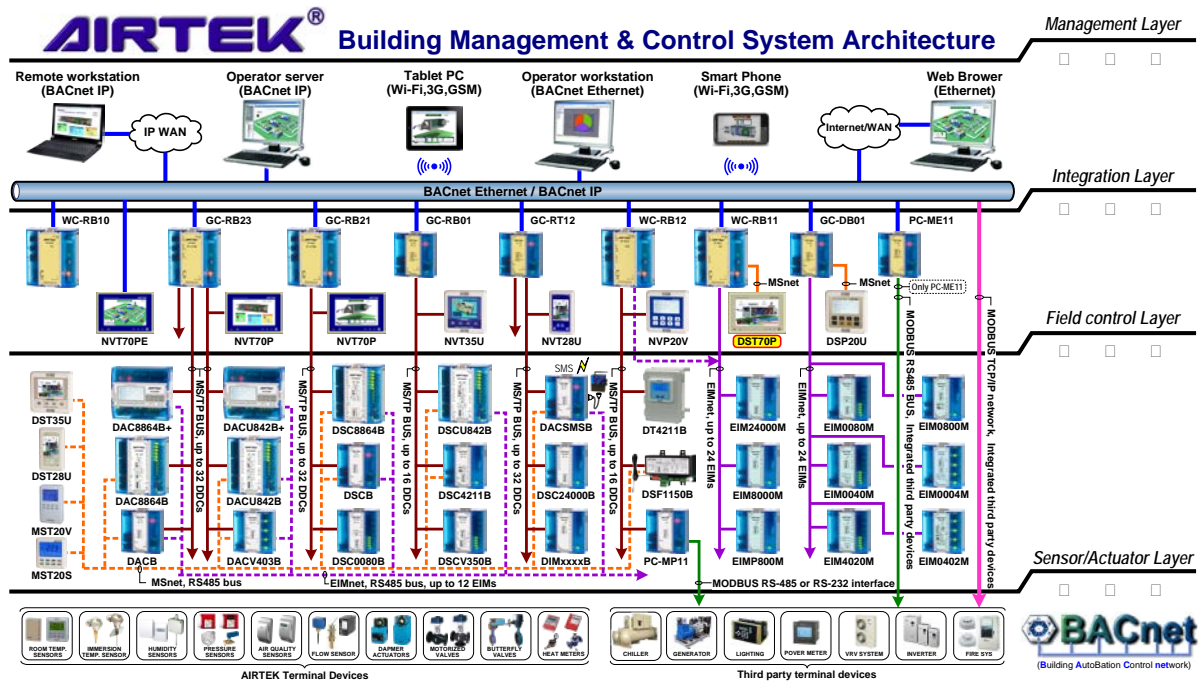


Fig. 2 DST70P Wiring

【Network】



【Dimension】 Unit: mm

