

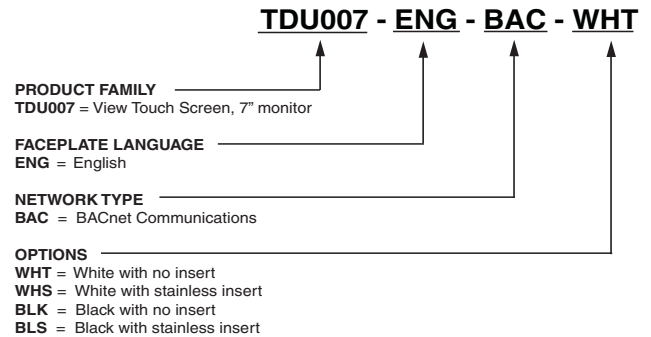
The Phoenix Controls View touch screen monitor is a BACnet® MS/TP based networked user interface used to display data and edit setpoint variables for vivariums, hospitals, biocontainment spaces, operating rooms, patient rooms, and nurses stations. The View can display data from Phoenix Controls Traccel®, Theris®, PCM50X and APM2 devices, and 3rd party BACnet MS/TP devices. The View is a 7-inch diagonal capacitive touch screen panel that is flush mounted using a standard 90 cu. in. electrical box (see installation guide). It is intended to be installed in corridors outside of critical environments to provide users with information related to operating conditions inside the space. The View can display up to 24 parameters simultaneously and is capable of high and low limit, change of state, and multi-state alarms. Each parameter is capable of a user defined title and units of measure. The View connects to the MS/TP bus and can be used to display flow, temperature, humidity, air changes per hour, offset, occupancy, and control setpoint variables available on the MS/TP network.



STANDARD FEATURES

- 7" capacitive touch screen
- Easy to navigate tile-based display
- Compatible with Phoenix Controls and 3rd party BACnet MS/TP devices
- Template based tile setup- reduces start up time when used with Phoenix Controls BACnet devices
- Custom tile setup- Fully configurable to use with Phoenix Controls or any 3rd party BACnet devices
- Multiple faceplate color/finish options
- Light or dark user interface themes: allows flexibility to compliment building interiors
- Read and Read/Write access
- PIN protection: can be enabled or disabled for writable setpoints, notes, and configuration changes
- Resistant to spray washdown (IP-54)
- Alarms configurable for tile or point-by-point
- Up to 48 points can be displayed (24 at a time)
- Room ACH calculated from live data

ORDERING GUIDE



SPECIFICATIONS

Platform

- Freescale I.MX6-CF solo, 1 GHz ARM Cortex-A9 processor
- 512 Mb DDRIII Ram and iNand 4GB (internal)
- 1 kB EEPROM
- 7" LCD Touch Screen
- TPK 7" P-Cap Touch sensor (2 points)
- 800 x 400 pixels (WVGA) display

Operating System

- Linux 3.0.35
- Android 4.2.2 (running Phoenix Controls application)

Power

Input: 24 Vac \pm 15%, 10 VA, 50/60Hz

Communications

BACnet[®] compliant on MS/TP LAN baud rates of 9600, 19200, 38400, 57600, and 115200 Kbps

Audio

- Integrated Speaker: 3 W 4 Ω \pm 15%
- Adjustable volume from:
 - 0-80db (\pm 2dB) @ 0 feet from face
 - 0-75db (\pm 2dB) @ 1 feet from face
 - 0-70db (\pm 2dB) @ 4 feet from face

Operating Temperature Range

32 to +113 °F (0 to +45 °C)

Storage Temperature Range

-22 to +176 °F (-30 to +80 °C)

Operating Humidity Range

10 to 90% RH (non-condensing)

Display Parameters

- Temperature: °F or °C
- Pressure: "WC or Pa
- Humidity: %RH
- ACH (Air Changes per Hour): calculated based on total supply or return airflow
- Language: English

Mounting and Wiring

- Power: wire size 16 - 22 AWG, stranded, twisted pair, unshielded
- Communications: 3 conductor, twisted, shielded 22 AWG cable with drain
- Rough-in electrical box: RACO 942, Thomas and Betts H3BD341
- Rough-in box support:
 - Raco 9004R for 16-inch on center studs
 - Raco 9006R for 24-inch on center studs

Washdown and Chemical Resistance

The unit is suitable for use with non-solvent wipe down and when properly installed on a smooth wall surface is designed to meet IP54 test standards. Wall surfaces other than smooth or painted wallboard may require additional sealant/sealing methods to prevent equipment damage.

System Software Upgrade

- Phoenix Controls application or OS upgrade through USB 2.0 Host (located behind faceplate)
- Backup and restore capabilities are available through the USB 2.0 Host (located behind faceplate)

Regulatory Compliance



- RoHS
- EU Contact Address:
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