

The Central Display is a remote touch-screen display that monitors the status of several Advanced Pressure Monitor II (APM2) BACnet® units installed on a floor. Using the Central Display, users are able to immediately see if rooms are safe and operating properly without walking to the APM2 mounted outside a room. Up to eight (8) APM2s can be monitored using one Central Display, providing easy access to view room conditions and to hear alarms remotely.

The Central Display has a bright, easy-to-read display and touch-screen that makes it easy to operate by just pressing areas of the screen to perform functions. From the home screen, touching any room status on the Central Display shows all of the screen information being displayed on the remote APM2, including room label, alarms, active or standby condition, occupied and unoccupied condition, pressure, temperature, humidity, door status, and air change rate. The Central Display also has a configurable audible alarm feature which will notify operators if an alarm condition is present on a remote APM2.

### BACnet MS/TP COMMUNICATIONS

The Central Display communicates to APM2 units over BACnet MS/TP networks, reducing wiring needs and simplifying installation and commissioning. There are seven (7) objects supported by the Central Display that reflect configuration settings and data shown on the screens. Read/write properties enable remote configuration and polling to capture long-term trend data.

### ORDERING GUIDE

#### MONITORS

**PRODUCT FAMILY**  
APM2CD = Advanced Pressure Monitor II Central Display

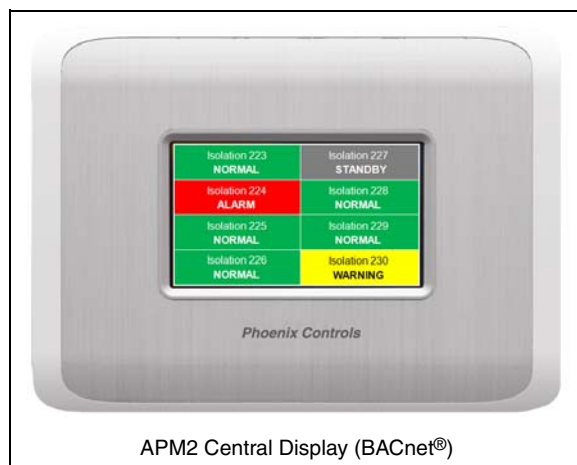
**FACEPLATE LANGUAGE**  
ENG = English

**NETWORK TYPE**  
BAC = BACnet Communications

**OPTIONS**  
STL = Simulated brushed steel faceplate (No extra charge)

**NOTE:** APM2CD comes standard with white faceplate.

#### APM2CD - ENG - BAC - STL






### STANDARD FEATURES

- 4.3" Color touch-screen TFT display
- Status of up to eight (8) rooms on a single display
- Audible alarming from remote APM2 units
- One-touch access to remote APM2 information
- Auto-discovery of remote APM2 units
- Password protection
- Visual/audible local alarming
- Resistant to spray washdown (IP-54)
- Resistant to decontamination chemicals
- Mounts in standard off-the-shelf electrical box
- Clone configuration feature
- Software upgradable

**NOTE:** If the equipment is used in a manner not specified, the protection provided by the equipment may be impaired.

## SPECIFICATIONS

Mounting		Environmental Data	
Rough-in electrical box	RACO 697, Appleton M3-350	<b>Temperature</b> Operating °F (°C)32 to +120 (0 to +50) Storage °F (°C)-20 to +160 (-30 to +70)	
Physical Description		<b>Operating Humidity</b>	5 to 95 % RH (non-condensing)
Display	4.3" (109.2 mm) touch-screen TFT LCD, 480 x 272 pixels, dimmable, password protected	<b>Interoperability</b>	
Faceplate and housing	Fire-retardant plastic (UL94V-0)	BACnet® compliant on MS/TP LAN at up to 76.8 Kbps	
Electrical connections	Removable terminal blocks	<b>Mains Supply Voltage</b>	
Weight	1 lb. 3 oz. (590 grams)	Not to exceed 18-32 Vac, 50-60 Hz, isolated, resettable fuse, 9.6 VA maximum. Mains supply voltage fluctuations up to ±10%	
Wire			
Power	2 or 3-conductor (depending on application) stranded unshielded twisted pair, 16-22 AWG		
<b>Communications</b> - 3-conductor, twisted, shielded 22 AWG cable (See "Phoenix controls Recommended Cables" on page 9)			
Alarming			
Audible	Dual piezo with 4 volume levels, (from 0—75dB)		
Visual	LCD display Red = Alarm, Yellow = Warning, Green = Normal, or Gray = Standby, Backlight = 4 levels		
Silence	Selectable 0-9999 (9999 = forever) seconds		
BACnet	Alarm and event notification services		
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 or French (depending on remote APM2 configuration)			
USB Port			
A micro-USB type AB port is provided for firmware updates or for copying configurations from one monitor to others that require similar parameters (i.e., cloning). Phoenix Controls <b>REQUIRES</b> the Sandisk Cruzer 2GB (minimum) flash drive, along with the aid of a Micro USB Host Mode OTG cable from T & S Electronics (Model: OTG-SBK6) or from SonoXY (Model: USB_MIC-OTG). No PC is required.			
Washdown and Chemical Resistance			
IP-54 rated against dust and liquid penetration. Exposed surfaces are chemically resistant to vaporized hydrogen peroxide (VHP), formaldehyde, chlorine dioxide (clidox), perchloric acid, sodium hypochlorite 3-6% (bleach), quaternary ammonium 7% in 1:128 tap water (ammonia).			
Regulatory Compliance			
<div></div> <ul style="list-style-type: none"><li>• RoHS</li><li>• EU Contact Address: Honeywell GmbH Boeblinger Str. 17 71101 Schoenaich Germany</li></ul>			