Integration: 100 (30 s)
8-6-2022 15:42

16,386 CFM

1,024 FPM

72.7 F WGT

59 % RH WGT

57.6 F DPT

28.6 Btu/lb WGT

EB-Link App
Data at the Touch of Your Finger

EB-Link allows you to monitor and validate airflow and psychrometric measurements with all EBTRON Gold Series products on the job site. Real-time and traverse data can be stored on the phone and emailed as a text file. It's a tool to provide quick validation anytime without going through the BAS. Our EB-Link is a powerful tool for Balancers, Commissioners, and Energy Managers to easily connect to an airflow measuring device and obtain real-time information.

EBTRON®
a measurable difference!

User Intuitive

EB-Link Reader application is available for Android and iOS operating systems. The smartphone must have a Bluetooth communication module. The EB-Link interface uses Bluetooth® Low Energy to pass information to a smartphone or tablet. The app is free and available in the App Store and Google Play.

The EB-Link app provides individual sensor node airflow and temperature data for instantaneous traverses of duct velocities and temperatures. For Fan Inlet devices, individual fan airflow rates are available when the FAN TYPE is set to ARRAY using the ARRAY WIZARD. The EB-Link also provides a complete diagnostic text file output that can be viewed by the user and/or e-mailed to EBTRON customer service for analysis. In most installations, the Bluetooth signal can be read up to 20 feet from the transmitter with the transmitter cover installed (line of sight, no obstructions).

EB- Link Operation

- Open the App. The application "Scan for Transmitters" screen displays all detected transmitters in proximity. Scan for Transmitters is continuously running in the background.

- Select a transmitter by name. The name parameter defaults to the transmitter serial number unless a location name was provided with the order or the name parameter was modified by the user in the field.

- Once a transmitter is selected and a connection is made, the application moves to the live data screen, which shows real-time average airflow and temperature measured by the transmitter. If the transmitter is provided with the /H humidity sensor option, humidity, dew point, and enthalpy are also provided.

- Select the menu button (≡) on the top left of the screen to navigate to other application functions, such as traverse data and diagnostics.

- Traverse and diagnostic data can be saved and e-mailed directly from the application. Select the menu button (≡) and select Email File.

- Files saved are stored are located in the menu (≡) within the folder icon named Open File. Files can be deleted using the trash can icon (🗑).

EB-LINK Submenus

EB-LK INTG (EB-Link Integration)
The integration buffer size for the running average of the average and individual sensor node airflow rates output to the EB-Link.
[Menu path: SETTINGS >↓ EB-LINK >↓ EB-LK INTG]
Default: 100 Optional Settings: 1 to 999 (1 to 300 for -F/An probe types) Transmitters calculate the airflow every 300 milliseconds. The integration buffers real-time airflow data output to the EB-Link Reader. The default integration of 100 is the running average (first in, first out) of the average of all sensor nodes over the preceding 30-second time period.

It is essential to ensure that the HVAC system is not changing faster than the integration buffer is set so that accurate measurement data is obtained.

EB-LINK STATUS
This only applies to GTx116e and GTx108e transmitters.
[Menu path: SETTINGS >↓ EB-LINK >↓ EB-LK STAT]
Default: ON
Optional Settings: OFF

Note: Some mechanical environments have excessive extraneous radio signals. Moving your position, or even hand position, in some environments may improve connectivity if difficulty locating transmitters is experienced.

EB-LINK interface is only available on the EBTRON Advantage IV Gold Series

Large Ducts			Fan Inlets	
GTx116e-PC/H	**GTx116e-PC**	**GTx116e-P+**	**GTx108e-F/An**	**GTX108-F SI & DI**
Airflow Temperature Relative Humidity* Enthalpy* Dew Point*	Airflow Temperature	Airflow Temperature	Airflow Temperature	Airflow Temperature

*Available on /H series products only.
Note: The EB-Link reader application does not support dual location transmitters or the -B probe type.

Home Screen - More Applications to Come

Live Display App

Device Summary App

Device Configuration App

EB-Link Reader App

Application graphics subject to change with application enhancements and updates.

Application Driven Smart Display Increases Functionality and Provides a Single Access Point for Up to 16 Measurement Devices

IAQ Enforcer™ System SDX-1000 EB-Bus Ethernet Smart Display Panel (SDP) for Compatible EBTRON, GreenTrol, and Approved Third-Party Devices.

Performing manual checks on air handling units can be both expensive and time-consuming. However, the new smart display, SDX-1000, is a central location to access, monitor, configure, and validate measurement devices. The SDX eliminates the need for additional cable lengths, allowing you to mount each transmitter within its location. It collects data from up to 16 devices installed throughout the building, providing valuable information on optimizing ventilation performance and maintaining occupant comfort levels.

- Tablet/phone style interface with factory-installed applications that can be updated and/or added over time using a USB memory device
- 7-inch diagonal capacitive touch full-color display
- Dedicated Ethernet network does not interfere with BAS communications (BAS connections are made to separate analog or network outputs of each measuring device)
- Bidirectional capability allows transmitters to be installed closer to the sensor probes, thus eliminating the need for extended cable lengths
- Updates and new applications can easily be added over time using a USB Type A memory device
- Password protection
- Backed with a 3-year warranty

SDX-1000

App Store

Devices

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