75F JACE 8000

An embedded IoT controller and server platform for connecting diverse devices and subsystems

— A core component of 75F's Control Panel solution for central plants

— Internet connectivity and web-serving capability

— Provides integrated control, supervision, data logging, alarming, scheduling, and network management

— Streams data and rich graphical displays to a standard web browser via an Ethernet or wireless LAN, or remotely over the Internet

75F® JACE 8000

The 75F® JACE 8000 is a core component to 75F's Control Panel solution, an out-of-the-box panel for headache-free central plant control. Used outside of the Grey Box solution, 75F's JACE is a data normalization engine for integration from any communication protocol. With 75F-developed drivers containing templated ASHRAE Guideline 36 sequences and easy APIs to connect to our user portal, Facilisight, data from any third-party system can be displayed online and incorporated into 75F's advanced control sequences.

SPECIFICATIONS

TI AM3352: 1000MHz ARM® Cortex™-A8

1GB DDR3 SDRAM

Removable micro-SD card with 4GB flash total storage / 2GB user storage

Wi-Fi (Client or WAP)
- *IEEE802.11a/b/g/n*
- *IEEE802.11n HT20 @ 2.4GHz*
- *IEEE802.11n HT20 / HT40 @ 5GHz*
- *Configurable radio (Off, WAP, or Client)*
- *WPAPSK/WPA2PSK supported*

USB type A connector with backup and restore support

(2) Isolated RS-485 with selectable bias and termination

(2) 10/100MB Ethernet ports

Secure boot

*Supply requirements: 24VAC rated at 24VA minimum, or 24VDC rated at 1A (24W) minimum

Runs Niagara 4: 4.1 and later

Niagara Analytics 2.1 is compatible with Niagara 4.4 and later

Real-time clock

No batteries required