BMS INTERFACE

Interact and monitor remotely with the BACnet over Ethernet.

Compu-Aire Inc. advanced microprocessing control system provides access to our equipment through building management system (BMS) supporting industrial standard protocols including Modbus, BACnet, and LonWorks. This ensures easy access to the remote management of the unit via modem and internet.

Available Communications Options
Interfacing with the emerging protocols in the HVAC sector and based on industry standards supporting the following networks:
BACnet Over Ethernet
BACnet MSTP
SNMP v1, v2, v3 networks with trap
Modbus
RS-485
LonWorks

BMS Communication protocols

Stand Alone Supervision using BACnet over Ethernet

BMS Interface:
Our controllers have the capability to receive necessary sensor inputs from BMS and utilize it to control the equipment. The controls can monitor the BMS status and if BMS became offline, controller can seamlessly switch over to local sensors and set points to maintain your data center cooling demand.

pLAN Stand alone network

Stand alone supervision over web browser

BACNET over Ethernet interface provides:

- Unit status with virtual information
- Room temperature/humidity
- Current set points for temp/humidity
- Mode of operation
- Current status for vital components such as compressors humidfiers, fan and reheat
- Current active alarms
- Setpoint control for alarms

The BACnet over Ethernet configuration interface provides limited access to control room temp/humidity a log with the ability to reset alarms.

NOTE: Critical alarms will require manual reset at the unit level.