



PROJECT	
ENGINEER	
ARCHITECT	
CONTRACTOR	
SUBMITTED BY	
DATE	
CONFIGURATION	
QUANTITY	

SELECTION & QUANTITY

Please select a wired or wireless manager from below as well as onsite or web based commissioning. The Connect software is optional.

- FC-1: FanCenter Manager (Wireless)
- FC-2: FanCenter Manager (Wired)
- FC-CON: Add Connect Software
- CO-WB: Commissioning (Web Based)
- CO-OS: Commissioning (On Site)

FANCENTER MANAGER DESCRIPTION

FanCenter features an easy to use web-based interface to manage the speed, direction, and run-time of Airius fans based upon schedules and demand response requests, while providing local or remote access for a facility or campus. Using the Connect software, integrators can install FanCenter alongside other third-party control systems and manage all of the equipment from a single, centralized interface.

ATTRIBUTES AND CHARACTERISTICS

- Remote monitoring and control of any EL fan
- Optional connectivity to Modbus TCP, BACnet/IP, and Tridium NiagaraAX platform (Connect Software)
- Easy to install and configure: simply mount, connect, power, and go!
- Secure wireless 2.4GHz ZigBee-based communications with other network devices
- Scalable to manage a single building or an entire campus
- Multiple connection options (direct, LAN or Web)
- Made in the USA (ARRA Compliant)

APPLIANCE

- Mounting: Wall bracket or table top
- Storage: SATA 2.5" hard drive
- Endpoint Capacity: ~300, upgradeable to 1000
- Operating System: Secure Linux-based variant

POWER SUPPLY

- Voltage: 120VAC input/12VDC output
- Power: 20 watts max

I/O SUPPORT

- LAN: 1x10/ 100/ 1000 Ethernet, TCP/ IP v4
- UDP ports: 49657, 54261, 59370, 59371
- Serial: 2 - 1 dedicated internal, 1 open
- USB: 2 USB 2.0 host interfaces

PROTOCOLS

- Serial: Modbus, RS-485, MS/ TP
- Wireless: 802.15.4 with mesh networking
- Ethernet: HTTP/ HTTPS
- Security: Internal firewall, isolated wireless and internal processors

RADIO NETWORK

- IEEE 802.15.4-2003 2.4GHz ISM (ZigBee-based)
- Range: Approx. 1000' LOS transmit/ receive

REGULATORY APPROVAL

- UL 60950
- FCC (V8NZR1000141) & IC (7737A-ZRB1000141), Certified Class B
- Digital Device, FCC Part 15

ENVIRONMENTAL

- Operating Temperature: 10° to 40°C
- Storage Temperature: -25° to 65°C
- Weight: 5.0lbs (2.68kg)