

Pre-installation and Site Setup Guide

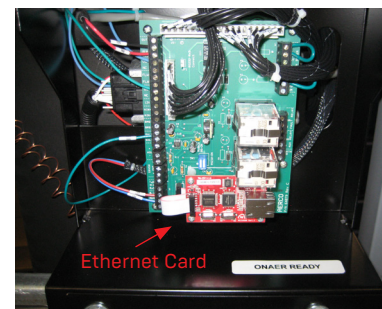
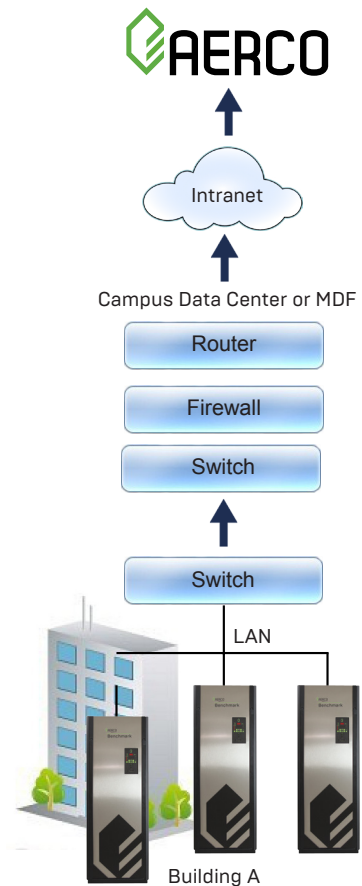
C-More Ethernet and onAER Services

Site Preparation for C-More Ethernet and onAER Services

New AERCO C-More Controllers now have the ability to send configuration, status, and event data to AERCO data collection Cloud Servers over the internet. With this new remote logging and monitoring feature, AERCO is able to provide improved service and troubleshooting as well as real-time monitoring of your equipment for events. Being sensitive to network management and Information Technology security concerns, AERCO provides onAER services in a unique and efficient manner to simplify administration and address security concerns. AERCO's onAER Services requires no static IP addresses, no firewall changes, and no inbound connections. See the Security note below for more information.

Pre-Installation Physical Requirements

- Each C-More requires an onAER Communications Ethernet Card (Kit 69154). See Ethernet Card image on the right. AERCO Benchmark Platinum boilers include a factory installed Ethernet Card.
- Each C-More requires a wired CAT-5 or better network drop capable of 10/100 Mbps communications.* For reliability, affordability, and future applications, a LAN (local area network) connection on the sites' network is recommended over dedicated broadband, DSL or other alternative. This document is based on a LAN connection.
- The LAN segment where the unit is connected must have DNS and DHCP enabled, and the LAN must allow outbound traffic on port 80 without any proxy, filters, or passwords required. The units do not need static or reserved addresses.
- C-More Ethernet cards are configured by default for DHCP and will get an IP address from the DHCP server in the LAN where it is connected.
- If IT personnel need the unit's MAC address, the MAC addresses are printed on a white label located on the Ethernet Card.



Security Note

- C-More Controllers are programmed to send small packets of data to the AERCO Cloud servers outbound via TCP port 80. They do not receive data and AERCO cannot access them from the outside. Always follow your IT department's security policies and procedures. You are responsible for the security of your network.
- C-Mores do not need static addresses, and should never be configured in a perimeter network (DMZ) or with externally facing addresses.
- Do not give the C-Mores public addresses; there should never be a firewall rule allowing access to a C-More. Only outbound TCP traffic on port 80 is required. HTTP Proxy server support is available in firmware 3.07.02 or higher.

*Please contact AERCO for networking accessories to make installations simple and turn-key, including tested industrial rated unmanaged Ethernet switches and wireless extenders.



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AERCO International, Inc. • 100 Oritani Drive • Blauvelt, NY 10913
USA: T: (845) 580-8000 • Toll Free: (800) 526-0288 • AERCO.com