

QFM ETHERNET OPTION

QFM was designed as an IOT Device and is intended to have constant connectivity to be used to its full potential.

Each unit (one per pallet location) is equipped with a control box capable of sending and receiving data to/from your facility's router, then to the internet to communicate with <https://qfmonitoring.com> and <https://quickfreeze.com/> Please make sure both of these sites are whitelisted in your firewall.



SCOPE

Provided by others

- (1) Ethernet drop for up to 60 QFM units. Depending on the layout, more may be required as the QFMs must be installed physically next to each other.

Provided by QuickFreeze

- (1) Ethernet capable QFM - (1) Modular ethernet switch per unit - (2) Ethernet patch cables per unit - (1) Power Supply for Ethernet Switches - Mounting and installation while installing QFM's

Traffic Bandwidth

Each unit sends a data payload of approximately 1kb to the server every 5 minutes, and requests settings from the server (payload of about 1kb) every 15 minutes. When not sending data or getting settings no bandwidth is used.

Security

SSL is utilized to secure communication between the QFM Units and the AWS server.

Network IP Addresses

DHCP Only. Your network will need to have individual IP addresses for each unit.