CELLULAR MODEM

The cellular modem provides 4G LTE-A connectivity for OEMCtrl controllers, enabling remote service and support. By utilizing Field Assistant or WebCTRL® software, users can effectively monitor, manage, and troubleshoot the connected HVAC equipment and downstream controllers remotely without being on-site.

Cellular Modem, 2 port

Cellular Modem, 5 port

Features

- Robust industrial design and compact metal housing helps withstand demanding environments

- Communicates remotely through a self-hosted VPN server

- Pre-configured to communicate with controller's ethernet service port for quick setup

- Provides access to the entire network through Field Assistant or WebCTRL for OEMs

- Secondary LAN ports allow simultaneous connection to EQT3 displays without sacrificing access to the ethernet service port

- Available in 3 different kits for a variety of applications

- Automatic reboot feature to minimize disruptions should it become disconnected

OEM CELLULAR MODEM ECOSYSTEM

SERVICE OFFICE

WEBCTRL/ FIELD ASSISTANT

CUSTOMER FACILITY

CELLULAR MODEM, 2 port

or

CELLULAR MODEM, 5 port

EQT3

CONTROLLER

*Rooftop unit application shown

CELLULAR MODEMS

Part #/SKU	CM-1-SRV-2ES	CM-2-SRV-5ES	CM-3-SRV-5ET
Product Name	Cellular Modem Kit 1	Cellular Modem Kit 2	Cellular Modem Kit 3
Kit Contents			
Cellular Modem Router - 2 LAN Ports	X	-	-
Cellular Modem Router - 5 LAN Ports	-	X	X
Power Supply	X	X	X
Ethernet Cable, CAT 5	X	X	X
SIM(s)	X	X	X
Antenna, 6' Cable, Magnetic (qty=2)	X	X	-
Antenna, Tamper Resistant	-	-	X
Antenna, 50' Cable Extension	-	-	X
Data Plan Options (Choose one per kit)			
1 Year plan (up to 24 GB/yr)	Part #/SKU: CM-24GB-DP		
2 Year plan (up to 48 GB/2 yr)	Part #/SKU: CM-48GB-DP		
3 Year plan (up to 72 GB/3 yr)	Part #/SKU: CM-72GB-DP		
Specifications			
Applicable Environment	-22 to 167°F (-30 to 75°C), 95% RH max., non-condensing		
Interface Type	2 x 1 Gbps ports (RJ45), LAN	5 x 1 Gbps ports (RJ45), LAN	
Carriers	Dual: Verizon (primary) and AT&T		
Communication	4G LTE-A		
Peak Data Speeds	Download 300 Mbps/Upload 50 Mbps		
SIM	2FF		
Compliance	FCC/IC, ISO, UL, CE, RoHS		
Power			
Power Supply	12VDC 1500mA wall mounted power supply		
Power Consumption	Idle: < 45mA @12VDC, Data: < 300mA @12VDC, Average: 150 mA @12VDC		
Dimensions (approx.)			
Width (inch/mm)	4/101.6	6/152.4	
Height (inch/mm)	1/25.4	1/25.4	
Depth (inch/mm)	2.9/73.7	4/101.6	
Weight (lbs/kg)	0.5/0.23	0.8/0.36	
Accessories			
Tamper Resistant Antenna	Part #/SKU (Accessory): CM-ANTT		
Antenna, 50' Cable Extension (qty = 2)	Part #/SKU (Accessory): CM-EXT50		
Data Plan Renewal Options (to renew data plan, navigate to the subscriptions tab in the eStore)			
1 year (up to 24GB/yr)	Part #/SKU: CM-24GB-DPRN		
2 year (up to 48GB/2yr)	Part #/SKU: CM-48GB-DPRN		
3 year (up to 72GB/3yr)	Part #/SKU: CM-72GB-DPRN		