

QCC-RDM Remote Display



The QCC-RDM is a remote display device specifically designed to communicate with the QCC Quad Channel Controller. It displays much of the same information as the QCC and can be viewed from a remote, relevant location such as a refrigeration application where there are two different entrances to the chiller room. The QCC-RDM employs connection loss detection to ensure the information that is displayed is current. Simple configurations such as adjusting the display contrast and setting the Modbus ID and baud rate can be done in the field. The display can be configured to show/not show one or more channels of interest.

The QCC-RDM comes in a standard water / dust tight, corrosion resistant ABS / polycarbonate enclosure with a hinged, secured door.

KEY FEATURES

- » Provides convenient viewing of gas readings and system statuses in an alternate location
- » 4-line, 20 character LCD display and LED indicators
- » Internal audible alarm
- » Modbus® RS-485 RTU communication
- » Output for remote strobe and/or horn connection
- » Connection loss detection to ensure accurate information
- » Standard, dust / water tight, corrosion resistant enclosure (drip proof)

APPLICATIONS

- » Chiller Rooms
- » Manufacturing Plants
- » Arenas & Pools
- » Food Processing Plants
- » ... and many more

COMPATIBLE CETCI PRODUCTS

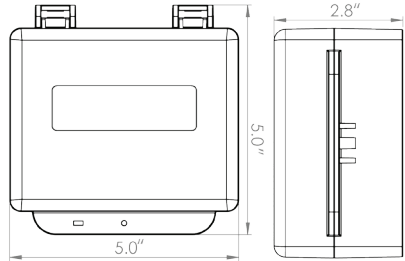
QCC Quad Channel Controller	QCC-M / QCC-B
Remote Strobe/Horn Combo	RSH-24VDC
Top Mounted Strobe (2.75" dia x 5" H), remote mount	L
4" strobe light, remote mount	PDC-OPTION-L

PRODUCT CODES

QCC Remote Display Module	QCC-RDM
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TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

MECHANICAL

Enclosure	ABS / Polycarbonate, pending IP54 standards. Copper coated interior to reduce RF interference.
Weight	272 g (9.6 oz)
Size	127 mm x 127 mm x 71 mm (5.0" x 5.0" x 2.8")

ELECTRICAL

Power Requirements	24 VDC, 0.5W, Class 2 24 VDC supplied by the QCC
Wiring	4-wire shielded network wiring between the QCC and QCC-RDM
Fuses	Thermal, resetting

INPUT/OUTPUT

Output	Connection for remote strobe/horn
Audible Alarm	Internal audible alarm
Communication	Receives Modbus® commands from QCC and duplicates the QCC display information

USER INTERFACE

Display	Backlit, LCD digital display 4-lines, 20-characters/line
Indicator	Status LED indicators for low, mid, high and fault alarms
Menu	Accessed using up, down, enter push buttons

ENVIRONMENTAL

Operating Temperature	-20°C to 40°C (-4°F to 104°F)
Humidity	15 to 90% non-condensing

CERTIFICATION

<p>Pending CSA, UL, CE, FCC</p>
