

MQ03-LTE-LAN*

Dual Path* (Cellular + LAN*)

Alarm Communicator with Dial Capture interface

Quick Installation Guide

Connecting the communicator to the alarm panel

| | |
|-----------|--|
| (+) | 12-30VDC Power Supply |
| (-) | Ground |
| IN1 | to Armed status output (for the optional Interactive features) |
| IN2 | for optional backup of Alarm events |
| RING, TIP | for connecting to the dialer of the alarm panel |
| OUT1 | to Keyswitch zone (for the optional Interactive features) |
| OUT2 | for optional control of external devices |

- ✓ **WARNING:** The wiring should be done only when the panel and the communicator are disconnected from the powerline!
- ✓ Connect the RING and TIP of the alarm panel to the RING and TIP of the communicator.
- ✓ **WARNING: Primary use only – NOT to be used with landline!**
Having a phone line connected will damage the unit!
- ✓ Connect the antenna and place it outside of the alarm panel's box.
- ✓ Connect + and – of the communicator to 12V-30V DC power supply.

LED Indicator

- ✓ Slow flashing – trying to establish connection.
- ✓ Constantly On – connection established at good signal level.
- ✓ Constantly On, blinking every 10 secs – connection established at low signal level.
- ✓ Fast flashing – transferring data.

Connecting the communicator to the LAN network*

- ✓ Connect the device to a DHCP enabled router via an Ethernet cable. It will automatically get a dynamic IP address.
- ✓ External IP address or router port redirections are NOT needed.

Configuring the alarm panel

Refer to the panel's installer manual to configure the following options:

- ✓ Enable the PSTN dialer of the panel.
- ✓ Select DTMF mode (Tone dialing).
- ✓ Select Contact ID Full communication format.
- ✓ Enter a telephone number for dialing (you can use any number, e.g. 9999999).
- ✓ Enter a 4-digit account number in the panel.

Troubleshooting the DTMF communication

If you have issues receiving the events, try the following additional settings of the panel:

- ✓ Disable "Telephone line monitoring".
- ✓ Disable "Wait for dial tone" option.
- ✓ Use "A" instead of "0" in the account number.
- ✓ If there is more than one partition, enter an account number for each partition.

For certain panels, you might need also to specify an account number for the main partition 0 (sometimes referred as system number).

Events reporting to end users via a smartphone

- ✓ Download the **RControl** mobile application on your Android, or iOS (iPhone/iPad) device from the links below.
- ✓ Login with the end user credentials provided within this installation manual.
- ✓ At the first login, it is strongly recommended to change the User name and Password and to provide an email for password recovery.

With the **RControl** mobile application the end user can:

- ✓ Monitor the current status of the alarm panel.
- ✓ View events log up to one year back in time.
- ✓ Remotely Arm/Disarm the alarm system (optional).

Remote Arming/Disarming (Optional)

To enable the optional remote Arming/Disarming from a smartphone, please configure the alarm panel according to the following guidelines:

- ✓ Configure a momentary keyswitch (refer to the panel's installer manual).
- ✓ Wire the OUT1 of the communicator to the momentary keyswitch of the panel.
- ✓ Configure a PGM output of the panel to activate (switch to ground) when the panel is armed and to deactivate when disarmed (refer to the panel's installer manual).
- ✓ Wire that PGM to the IN1 of the communicator.
- ✓ For panels that don't have a status PGM the status can still be received through the OPEN/CLOSE reporting.

Initial pairing procedure:

- ✓ Enable Open/Close reporting (at least during the initial pairing procedure).
- ✓ Enable the Arming/Disarming feature from the Settings menu of the RControl app.
- ✓ Ask the end user to enter a Remote PIN code of their choice.
- ✓ Disarm (or Arm) from the keypad within 2 minutes to complete the pairing.

For more details refer to the guide of the smartphone application RControl at

<http://support.m2mservices.com/mobile-app/rcontrol-guide/>

Install the app from Google Play or Apple App Store:



RControl App credentials: