MQ03-LTE-LAN

Dual Path (LAN+Cellular) Communicator with Dial Capture interface

Quick Installation Manual

Connecting the communicator to the alarm panel

(+)   12-30VDC Power Supply
(-)   Ground
IN1   Status (also for the optional remote Arming/Disarming feature)
IN2   Alarm
RING, TIP   for connecting to the dialer of the alarm panel
OUT1   for optional Remote Arming/Disarming feature
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
- ✓ Connect the antenna to the device and place the antenna 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, iOS or Windows Mobile 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

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 mobile 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

RControl App credentials: