

MiNi01-4G V2

Cellular Communicator with Dial Capture interface

Quick Installation Guide

Connecting the communicator to the alarm panel

- Red (+): → 12V - 30V DC Power Supply
- Black (-): → Ground
- Green (R): → RING
- Yellow (T): → TIP
- White (W): → to Armed status output (for the optional Interactive features)
- Orange (O): → to Keyswitch zone (for the optional Interactive features)

- ✓ **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 5x` secs – connection established at low signal level.
- ✓ Fast flashing – transferring data.

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.

Find configuration guides for popular panels at support.m2mservices.com

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 zone as a momentary keyswitch (refer to the panel's installer manual).
- ✓ Connect the orange wire (O) of the communicator to the momentary keyswitch zone
- ✓ 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).
- ✓ Connect that PGM to the white wire (W) of the communicator.
- ✓ For panels that don't have a status PGM the status can still be received through the OPEN/CLOSE reporting.

Guidelines for configuring the keyswitch and the output for popular panels are available at support.m2mservices.com.

Initial pairing procedure:

- ✓ Enable Open/Close reporting (mandatory for 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

support.m2mservices.com/mobile-app/rcontrol-guide/

Install the app from Google Play or Apple App Store:



RControl App credentials: