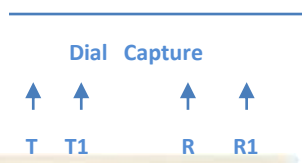# Emizon TCD Quick Start Guide for IP/GPRS

Scan the QR Code for Emizon Downloads and Online Support →

RS232/RS485 Data Ports
For serial interface to panel /
Remote maintenance /UDL

Dial   Capture

T   T1   R   R1

IP Primary Path LED 201

GPRS Secondary Path LED 202

GPRS Activity LED 101

Global Roaming SIM Card
Fitted and enabled for easy
installation & maximum GPRS
coverage

LED Status Display
For step-by-step
installation
& diagnostics i.e. signal
strength and connection

**Connector for Standard or
High Gain Antenna**
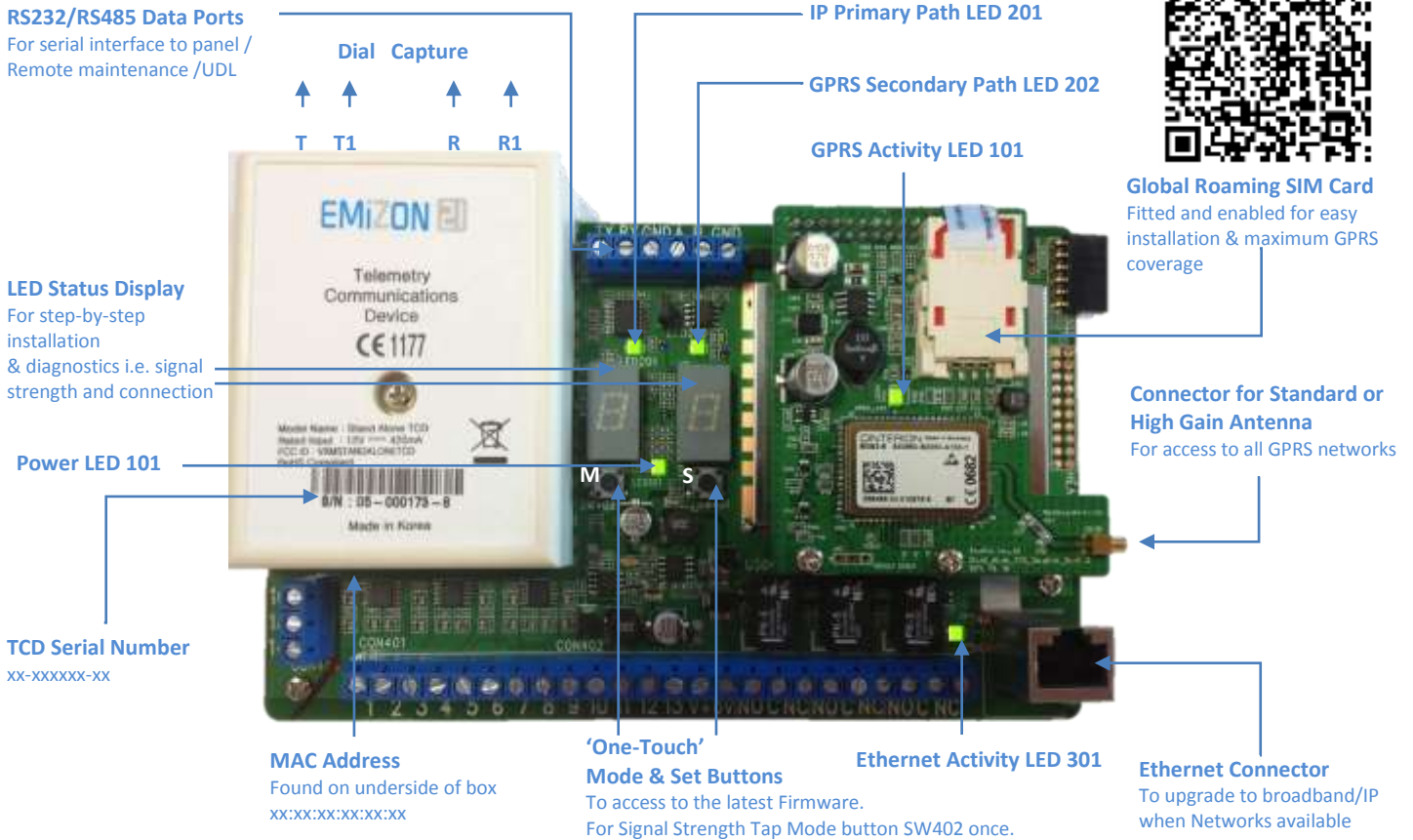For access to all GPRS networks

Power LED 101

TCD Serial Number
xx-xxxxxx-xx

MAC Address
Found on underside of box
xx:xx:xx:xx:xx:xx

**'One-Touch'
Mode & Set Buttons**
To access to the latest Firmware.
For Signal Strength Tap Mode button SW402 once.

Ethernet Activity LED 301

Ethernet Connector
To upgrade to broadband/IP
when Networks available

NOTE: PUT THE TCD ON TEST WITH THE ARC BEFORE STEP 1

Step	Instruction	Display	Look out For
1. Fit TCD in Panel	Connect Antenna, Inputs, Relays and Power. Connect the network cable from TCD to Router or Ethernet port.	No change	Check with diagram above
2.Boot Up	Power-up the TCD, wait 30 Sec or until $t1$ appears on the segment display.	B U / B C / T 1	GPRS PCB LED 101 flashing changes from once a second to once every 3 seconds.
3.Firmware check	Check for latest firmware by pressing Mode and Set buttons together for 10 seconds to establish an IP connection to the Emizon firmware server.	U F / r r	UF 99 then rr indicates a firmware update in progress. TCD will auto power off and re-boot back to rr 01 repeat process until U C followed by . .
4.Call ARC	Call the ARC quoting TCD Serial No (on TCD & on label of box) The ARC will **associate** the TCD with the installation and **activate** it on **IP/GPRS.**	t1	For added security there is a timeout period for ARC Activation.
5.Commission	Once associated & activated, press the Set button SW401 for 5 seconds.	t 1 / O 1 / C A / 8, 8, / 8, 8,	Segment displays t1 O1 then CA (Complete Activation) Finally, alternating decimal points on the segment display indicates TCD is commissioned successfully.
6.Test	Press and hold Set button SW401 for 5 seconds to send test alarms to the ARC on both paths.	No change	Call the ARC & check if test alarms on both paths are received and that the system is fully activated.
7. Set Panel & Dial Prefix	At this point the TCD can be configured to work with different panel types if necessary.		

Simply protected

EMiZON
Seriously secure

TCD Quick Start Guide for GPRS/PSTN

Scan the QR Code for Emizon Downloads and Online Support ➡

RS232/RS485 Data Ports
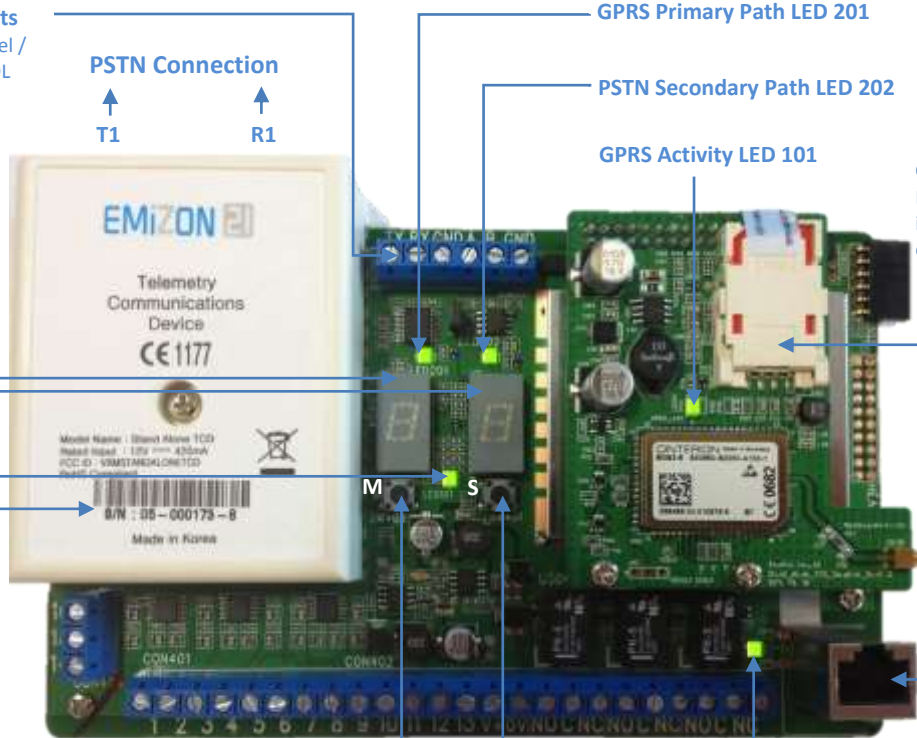For serial interface to panel /
Remote maintenance /UDL

PSTN Connection

T1   R1

GPRS Primary Path LED 201

PSTN Secondary Path LED 202

GPRS Activity LED 101

Global Roaming SIM Card
Fitted and enabled for easy
installation & maximum GPRS
coverage

LED Status Display
For step-by-step
installation
& diagnostics i.e. signal
strength and
connection path status

**Connector for Standard or
High Gain Antenna**
For access to all GPRS networks

Power LED 101

M   S

TCD Serial Number
xx-xxxxxx-xx

**'One-Touch'
Mode & Set Buttons**
For Signal Strength Tap Mode button SW402 once.

Ethernet Activity LED 301
Only lit when upgraded
Broadband IP

Ethernet Connector
To upgrade to broadband/IP
when Networks available

NOTE: PUT THE TCD ON TEST WITH THE ARC BEFORE STEP 1

Step	Instruction	Display	Look out For
1.Fit TCD in Panel	Unscrew box and connect PSTN line **T1 and R1 terminals** - NO OTHER COMBINATION WILL WORK! Connect Antenna, Inputs, Relays and Power.		
2.Boot Up	Power-up the TCD and wait 30 seconds or until *t1* appears on the segment display.	*B U* *B C* *t 1*	GPRS PCB LED 101 flashing changes from once a second to once every 3 seconds.
3.Call ARC	Call the ARC quoting TCD Serial No (on TCD & on label of box) The ARC will **associate** the TCD with the installation and **activate** it on **GPRS/PSTN.**	No Change	For added security there is a timeout period for ARC Activation.
4.Commission	Once associated & activated, press the Set button SW401 for 5 seconds. Be patient, this may take up to 15 minutes for both paths to make contact.	*t 1* *O 1* *C A* *8, 8,* *8, 8,*	Segment displays *t1 O1* then *CA* (Complete activation) Finally, alternating decimal points on the segment display indicates TCD is commissioned successfully.
5.Test	Press and hold set button SW401 for 5 seconds to send test alarms to the ARC on both paths.	No change	Call the ARC & check if test alarms on both paths are received and that the system is fully activated.
6. Set Panel & Dial Prefix	At this point the TCD can be configured to work with different panel types if necessary.		