Proactive Guarding
Reactive Speed
Loss Minimized

TRTU
TETRA Remote Terminal Unit

SYSTEL

TRTU delivers outstanding performance and capabilities in a compact small size suitable for indoor and outdoor use. TRTU translates the alarm inputs and sends messages to the designated destinations.TRTU provides advanced security solutions to protect your vital communication infrastructure with real-time alerts .

These alerts, sent to multiple devices (radios and mobile phones) which configured Over-the-Air (OTA) , ensure continuous monitoring and protection of your sites from various threats.

Rapid Response
Reliable Connection

Integrating TRTU with your current fire alarm system ensures early notification, allowing for a rapid response that is crucial in minimizing the loss of lives and protecting your assets.

🔒 KEEP SAFE

TRTU offers security for institutions such as banks, residential properties, industrial facilities and more against theft. Its functionality includes automatically transmitting notifications to the police/security command center for immediate action.

Sending Data Notification

TETRA Signal Multi Color Led

Power Led

RF Anntena Connector

12 V DC Power Input

Input Output Socket

TRTU SPECIFICATIONS

GENERAL

Requires a 12 V DC 3A

Internal Antenna

USB-C Connector for configuring

RS232 Serial Data Interface

RS485 Serial Data Interface (Optional)

RF SPECIFICATIONS

Bands:380-410 MHz, 400-430 MHz, 440-470 MHz

RF Power: Class 4 (1W) and Class 3L (1.8W)

Adaptive Power Control: Per EN 300 392-2

Receiver Class: A and B

Rx Static Sensitivity:
 -114dBm (min); -116dBm (Typical)

Rx Dynamic Sensitivity:
 -105 dBm (min); -109 dBm (Typical)

LED Coverage Indicator

DATA SERVICES

SDS Messaging in TMO and DMO

Remote Programming

AT Commands

SECURITY OPTIONS

Enhanced Security - DMO SCK, SCK OTAR, GCK and GCK OTAR

Air Interface Encryption Algorithms5 - TEA1, TEA2, TEA3, CLR

I/O OPTIONS

16 slots for I / O and communication

1 Port RS232/RS485 COM (Optional)