



MATU™

LONG RANGE RF

Alarm Transmitter

Interface with any alarm panel for FULL CONTACT ID reporting | FCC, CE & EN Approved | Compact and easy to install | Field programmable via Hand-held or laptop | 4 dry contact inputs. | Synthesized UHF units | Double frequencies for backup and extra security

In General:

The MATU™ (UHF 430-470 MHz) is an advanced, RF alarm transmitter that includes a built-in DI100™. Manufactured using the latest SMD technology, it delivers a winning combination of reliability and cost.

The MATU™ offers full Contact-ID reporting over long-range wireless link to the Central Station. Flexibility allows using MATU™ in various configurations. Combine it with any alarm panel to report full data, or as a stand-alone transmitter for panic button or guard control applications.

Reliability was the major factor taken into consideration during development of the MATU™. As a result, there are many built-in features such as dual frequency reporting, unique error checking and data protection.

The proof is in the product – almost two million MATU™ units successfully deployed worldwide.

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Product Specifications

GENERAL

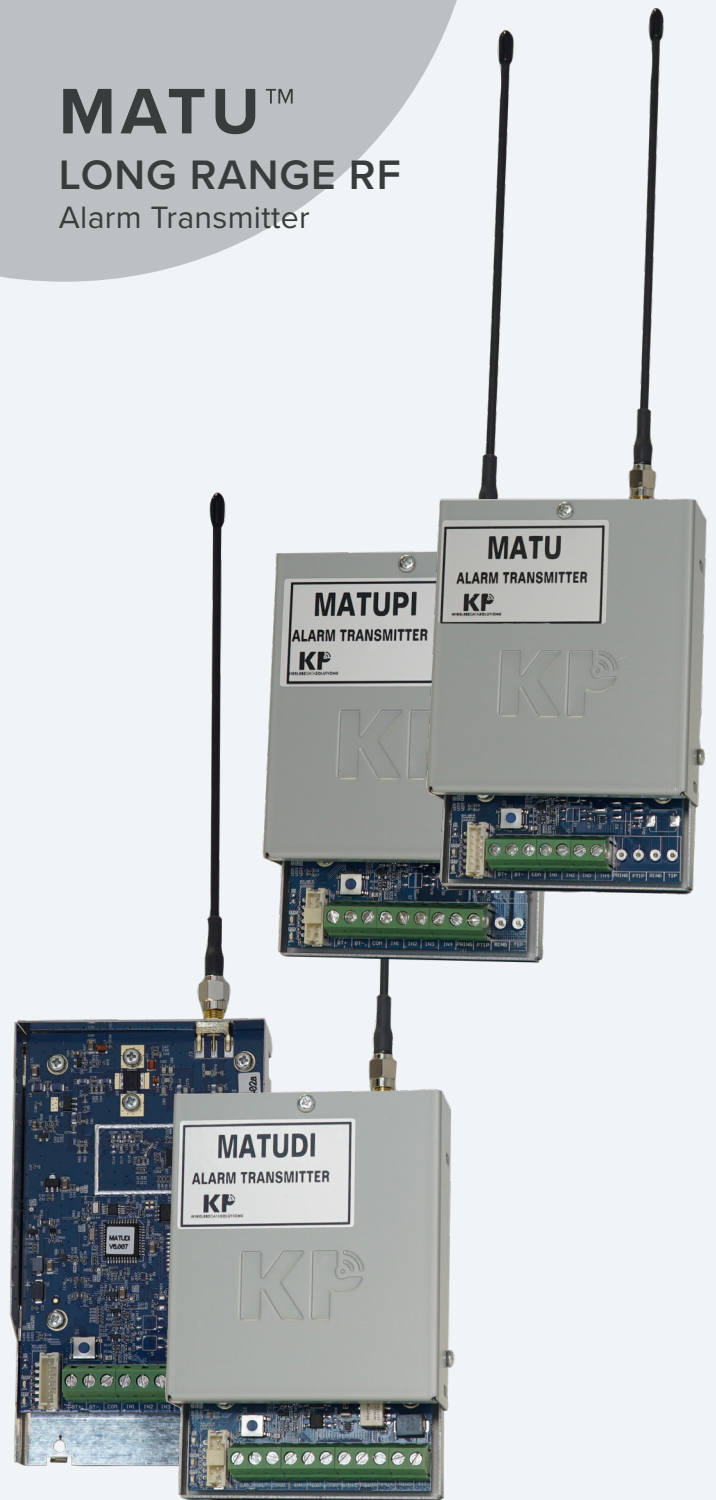
Power Supply	DC input 10-15 VDC, 15mA standby
Operating Temp.	-30°C to 60°C (-22°F to 140°F)
Storage Temp.	-40°C to 70°C (-40°F to 158°F)

RF TRANSMITTER

Frequency	UHF: 430-470 MHz
Modulation	FM, FSK & PWM
Power Output	UHF: 3W
Frequency Stability	±5 ppm at -30°C to 60°C (-22°F to 140°F)
Deviation (factory adjusted)	±5 KHz max ±2.0 for 12.5 KHz bands
Output Impedance	50Ω SMA connector

PROTOCOLS

Encoding	LARS II
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Ordering Information

Part Number	Description
MATUI	Mini Alarm Transmitter UHF, M Band 430-470.9875MHz, Including KIT031+ANT049
MATUPI	Mini Alarm Transmitter UHF, M Band 430-470.9875MHz, Including Pima Cable+ KIT031+ANT049
MATUR	Mini Alarm Transmitter UHF, Risco, M Band 430-470.9875MHz+ANT049
MATUDI	Mini Alarm Transmitter UHF, M Band 430-470.9875MHz, Integrated DI100, Including KIT031+ANT049