

# ATSU100SD™

## LONGRANGERF

HIGH POWER (7W) ALARM TRANSMITTER

Interface with any alarm panel for FULL CONTACT ID reporting

Built-in DI

Programmable power output 7W

UHF Band (430-471 MHz)

8 dry contact inputs

Dual frequencies for backup and extra security

Compact and easy to install

Field programmable via Hand-held or laptop

Indication LEDs



The ATSU100SD™ (UHF 430-471 MHz) is an advanced, high power (7W) RF alarm transmitter that includes a built-in DI100 dialer. Manufactured using the latest SMD technology, it delivers a winning combination of reliability and cost.

The ATSU100SD™ offers full Contact-ID reporting over long-range wireless link to the Central Station.

Flexibility allows using ATSU100SD™ 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 ATSU100SD™. 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 ATS units successfully deployed worldwide.



## ATSU100SD™ Specifications

### GENERAL

Power Supply	DC Input 10-15 VDC, 16mA standby 2.5A (7W)max during transmission
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

### RF TRANSMITTER

Frequency	UHF: 430-471 MHz
Modulation	FM, FSK and PWM
Power Output	UHF: 7 Watt
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 ±3.3 for 25 KHz bands
Output Impedance	50Ω BNC connector
Dialer	On Board DI100

### PROTOCOLS

Encoding	LARS / LARS I / LARS II
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### PHYSICAL DIMENSIONS

Weight	0.6 kg (1.3lbs)
Size	32x100x166mm (1.3"x4.0"x6.5")

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