

ATS100™ LONGRANGERF

ALARM TRANSMITTER

Interface with any alarm panel for FULL CONTACT ID reporting

FCC, CE & EN approved

Programmable power output 2W-10W

Synthesized VHF and UHF units

Double frequencies for backup and extra security

Compact and easy to install

Field programmable via Hand-held or laptop

8 dry contact inputs.



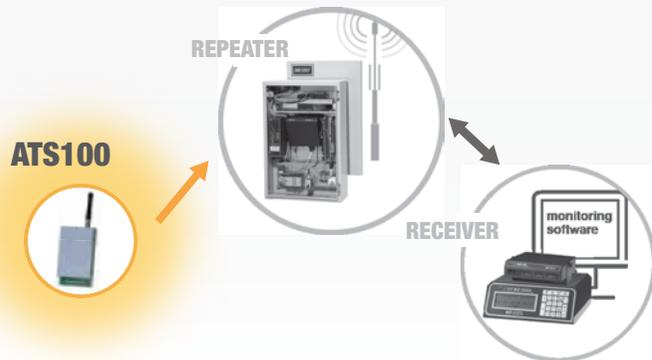
The ATS100™ (VHF 136-174 MHz) and ATSU100™ (UHF 400-512 MHz) units are a new generation of advanced, high-performance, RF alarm transmitters. Manufactured using the latest SMD technology. The ATS100™ unit delivers a winning combination of reliability and cost.

Compact in form but powerful in performance, the ATS family offers Full Contact-ID reporting over a long-range wireless link or long-range wireless links to the Central Station. Field programming allows installer to set up parameters such as ID, frequencies, periodic test, power output, etc.

Flexibility allows using ATS in any configuration - use it combined 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 ATS, resulting in many built-in features such as double frequency reporting and unique error checking and data protection.

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



ATS100™ Specifications

GENERAL

Power Supply	DC Input 10-15 VDC, 16mA standby, 0.5A (2W), 1A (5W) 2A (10W)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	VHF: 136-174 MHz & UHF: 410-512 MHz
Modulation	FM, FSK and PWM
Power Output	VHF: 2W 5W 10W, Programmable UHF: 7 Watt Typical
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

PROTOCOLS

Encoding	32 bit words in LARS and LARSI protocol with BCH and PARITY. 64 bit words in LARSII protocol.
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PHYSICAL DIMENSIONS

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



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