

**WAC HIT WT2
WAC HIT WT4**



433 MHz Ranger® Long Range Identification Transmitters

WAC Transmitters are available in either a two or four-button configuration and are equipped standard with a potted proximity or contactless smartcard module. This allows the Transmitter to also be used as a presentation-style access credential. For example, a button may be pressed to access a long range application such as a gated parking structure, and then the transmitter may be presented to an access control reader to allow entry to the building. These units are rated to typically provide more than 250,000 button presses under normal conditions.

These transmitters are used in conjunction with WatchNET WAR Series Long Range Receivers are ideal for long range access control applications, such as gates, raising and lowering barriers, arming and disarming alarm systems, as well as those applications calling for emergency duress. The Receiver was designed to output Wiegand data and install similar to standard proximity readers making for easy integration with most access control systems.

Application:

Long range makes it ideal for applications where pressing a button is more convenient than presenting a card, such as door access, gate entry and parking barriers

Compatible:

Wiegand protocols for easy integration with standard access systems

Industry Friendly:

Integrates long range with several proximity and card technologies

Performance:

Integrates Delivers read ranges up to 150 feet (46 m)

Durable:

Electronics enclosed in weather resistant enclosure



Technical Specifications	
Primary Technology	Long Range
Frequency	Button press - 433 MHz, Card Readers - 125 kHz or 13.56 MHz
Dimensions (H x W x D)	2.5 x 1.45 x 0.56 inches (57.2 x 37 x 14.2 mm)
Button Press Transmission	Rolling code + encryption
Weight	0.7 OZ (20g)
Certifications	FCC, ICC, CE
IP Rating	IP65
Battery	Single replaceable CR2032, 3.3V, Lithium battery
Compatibility	Button Press: WAR-HAM-LRW Card Readers: WAR H10 Series
Read Range	Button press - up to 150 feet (46 m) Card Readers - up to 2 inches (51 mm)
Interface	Wiegand (26 bit standard and custom formats)
Durability	Electronics sealed in weather resistant enclosure
Operating Temp.	-40° F to 122° F (-40° C to +50° C)
Enclosure Color	Black polycarbonate enclosure with gray ABS keys
Warranty	Limited lifetime warranty
LED	Integrated red LED standard (Activated upon button press)
Transmitter Models	WT2 (2-buttons labeled 1 & 2) WT4 (4-buttons labeled 1 thru 4)
Card Reader Interoperability	Supports certain HID 125 kHz Proximity protocols (WAC HIT WT2 or 4)

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