

AW))))) Alpha Wireless Automation Remote Tank

Wireless Tank Level Monitoring and Management System

Tel: 800-249-4249 or 310-488-4249 Fax: 310-385-7811

www.RemoteTank.com

Tank Watcher (4 or 20 Inputs)

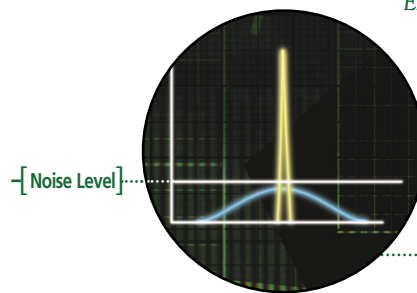
Designed for indoor use, the Commercial Controller receives wireless signals from multiple monitors, processes the data, then sends the data via integral modem to a host center for use in operations management:

- Two models are available to support up to 4, or up to 20 monitors
- Easily installed Direct Sequence Spread Spectrum (DSSS) receiver oversees monitors with three set points
- Superior radio with unprecedented sensitivity
- Remotely programmable set points, call windows, and telephone numbers
- Phase and position diverse antenna scheme eliminates fading problems

Controller Specifications:

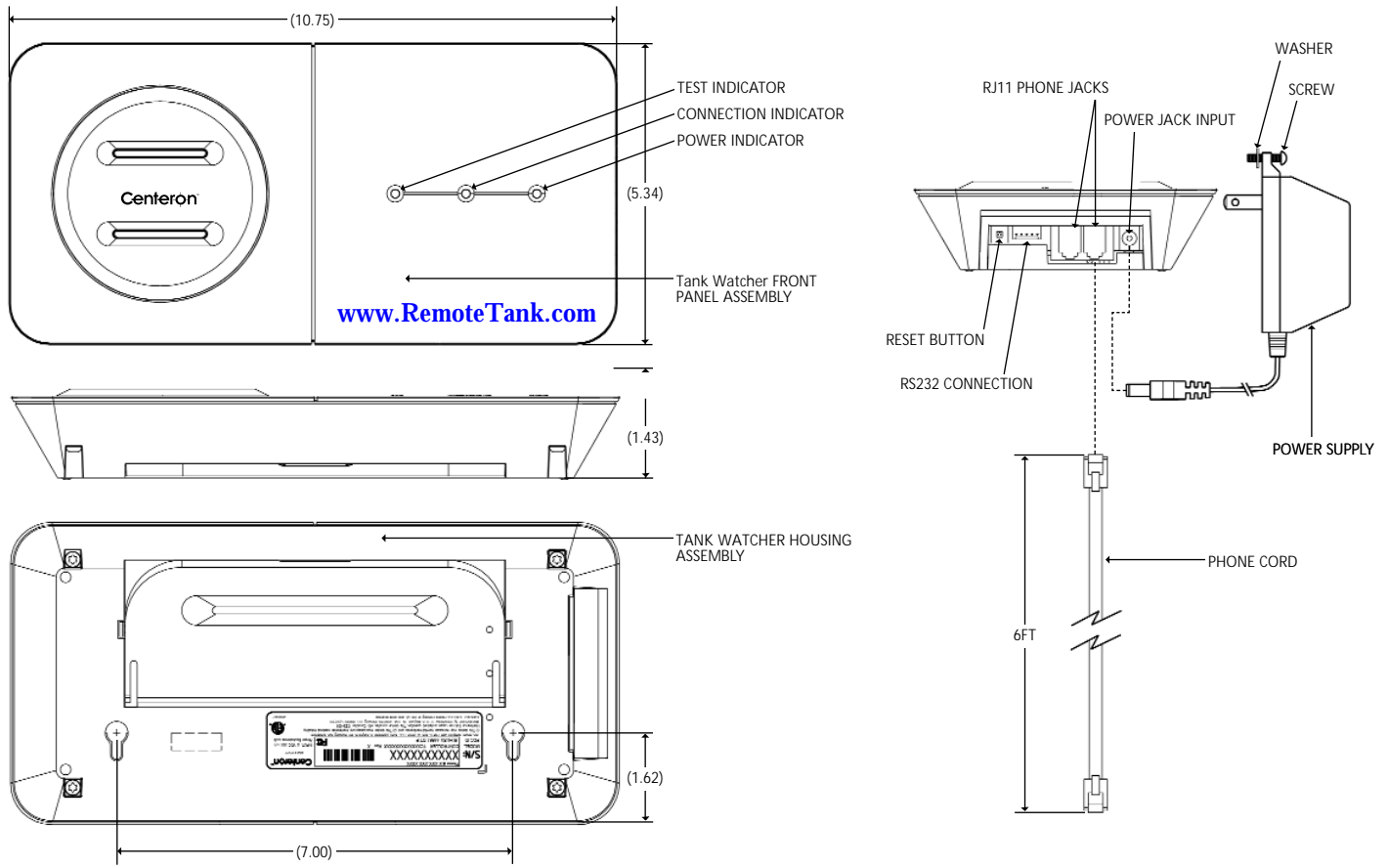
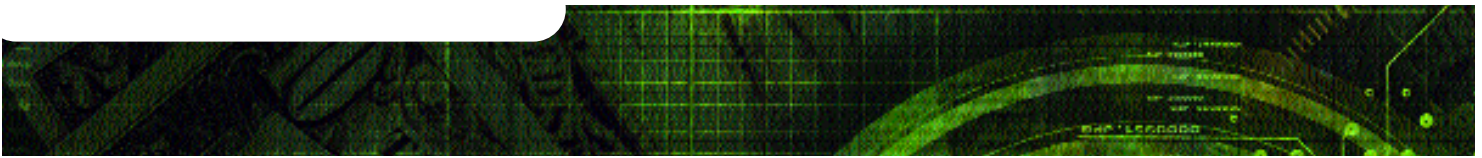
- 923.58MHz Direct Sequence Spread Spectrum Receiver
- -107dBm sensitivity at BER: 1E-3
- Unobstructed Range: 1.2 miles
- Obstructed Range: 500 feet
- RF data rate: 19,200 baud
- POTS Modem: 2,400 baud maximum
- Industry standard secure data protocol
- Non-volatile database
- Three programmable set points per monitor
- Programmable call window min./max. time between calls
- Programmable phone numbers, call attempts
- Lost monitor tracking
- Temperature range: 0°C to +60°C (+32°F to +140°F)
- Power requirements: 110 VAC
- FCC Part 15 and Part 68 approved
- Easy installation
- UL 60950 approved
- Serial interface (RS232) for local setup and diagnostics or local data acquisition
- Flash programmable over modem or via serial interface

**Tank Watcher :
Easy and Flexible.**



Exceptional DSSS technology is superior to narrow band systems, resulting in more reliable communications. So advanced, it's already the recipient of many patents, with additional pending.

- **Narrow Band Waveform**
- **Spread Waveform**



Tank Watcher														
	B	4 Monitor inputs												
	C	20 Monitor inputs												
	↓	0-9	Dial prefix is number selected											
		N	No prefix number											
		T	Will measure & transmit temperature											
		↓	N	Will not measure & transmit temperature										
		↓												
T	C	0	0	1	E	<input type="checkbox"/>	I	<input type="checkbox"/>	<input type="checkbox"/>	F	9	0	0	0

This unit requires 12 volts DC at 300 mA, provided by the wall mounted transformer. UL and cUL listed: 9T51.

The PSTN connection is an RJ-11C and has a ringer equivalence of 0.0B. The modem complies with Bell 212A.

This device complies with Part 15 and Part 68 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Part 68 Registered: 5LHUSA-44681-DT-E

Telecommunications equipment safety approved to UL 60950, ETL listed 2002027 and cETL complies with Canadian ICES-003.

This device is distributed by Alpha Wireless Automation, in Los Angeles, CA under the following US Patents: 5,067,136; 5,095,493; 5,457,713; Patents Pending in the US and other countries.

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