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Alpha Wireless ATG

RemoteTank

## Wireless RemoteTank Level Monitoring and Management System

Tel: 877-AWA-8770 or 310-488-4249 Fax: 310-385-7811

[www.RemoteTank.com](http://www.RemoteTank.com)

### 4-20ma Loop Monitor

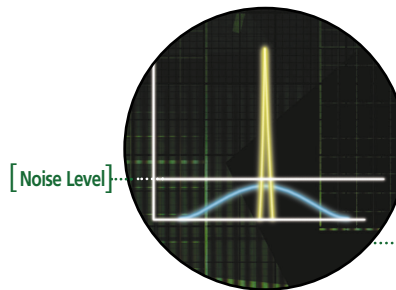
RemoteTank Loop Monitor accepts 4-20 ma signal from variety of sensors, such as level, pressure and temperature. It transmits the data to a remote display or to a PC using robust Direct Sequence Spread Spectrum (DSSS) wireless technology. The Loop Monitor is a simple, cost-effective solution to remotely monitor 4-20 ma transmitters.

- Interfaces to existing 4-20 ma loops  
2 wire\* or 4 wire transmitters
- Installs easily in minutes
- No calibration required
- Low maintenance
- Wireless communication and battery power eliminate costly electrical wiring required by traditional measurement systems
- Submersible and external tank mounted sensors



### Loop Monitor Specifications:

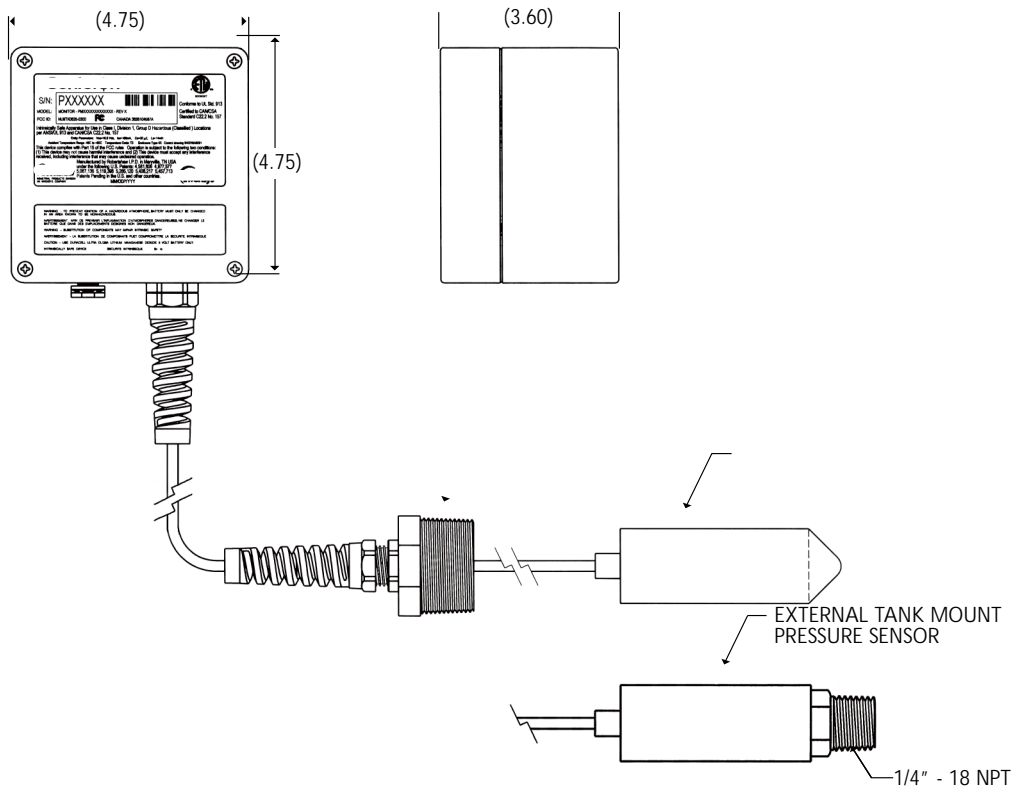
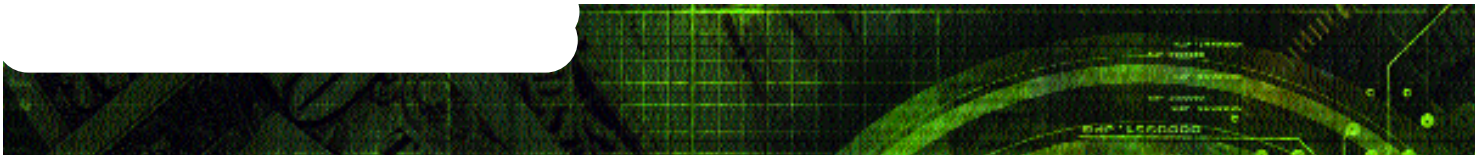
- Accuracy +/- 0.5%
- Unobstructed Range: 1.2 miles
- Obstructed Range: 500 ft.
- 3 year battery life, low battery indicator
- Operating temperature range:  
-40°C to +80°C (-40°F to +176°F)
- Compensated temperature range:  
-20°C to +75°C (-4°F to +167°F)
- Environmentally sealed
- ETL/cETL certified intrinsically safe for use in  
Class I, Division 1, Group D Hazardous Locations  
(per ANSI/UL 913 and CAN/CSA C22.2 No. 157)
- FCC Part 15 approved
- NEMA 4 Enclosure



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 ]

Get the facts from the engineering experts.  
Call 1-800-249-4249 and speak directly  
to an applications engineer.



Loop Monitor											
	0	1	5	15 Minute transit interval							
	0	6	0	60 Minute transmit interval							
	2	4	0	240 Minute transmit interval							
	↓			4	2	0	4 to 20 ma				
				4	2	0	4 to 20 ma				
					4	2	0	4 to 20 ma			
					4	2	0	4 to 20 ma			
					4	2	0	4 to 20 ma			
				↓							
L P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	0	1* F 9	<input type="checkbox"/>

ETL Marked Intrinsically Safe apparatus for use in Class I, Division I, Group D applications, conforming to ANSI/UL 913-1988 Standard.

FCC Part 15 Registered: NU9TX0625-0200

This device is distributed by Alpha Wireless ATG

This device complies with Part 15 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.

**Alpha Wireless Automation**

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Los Angeles, CA 90035

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