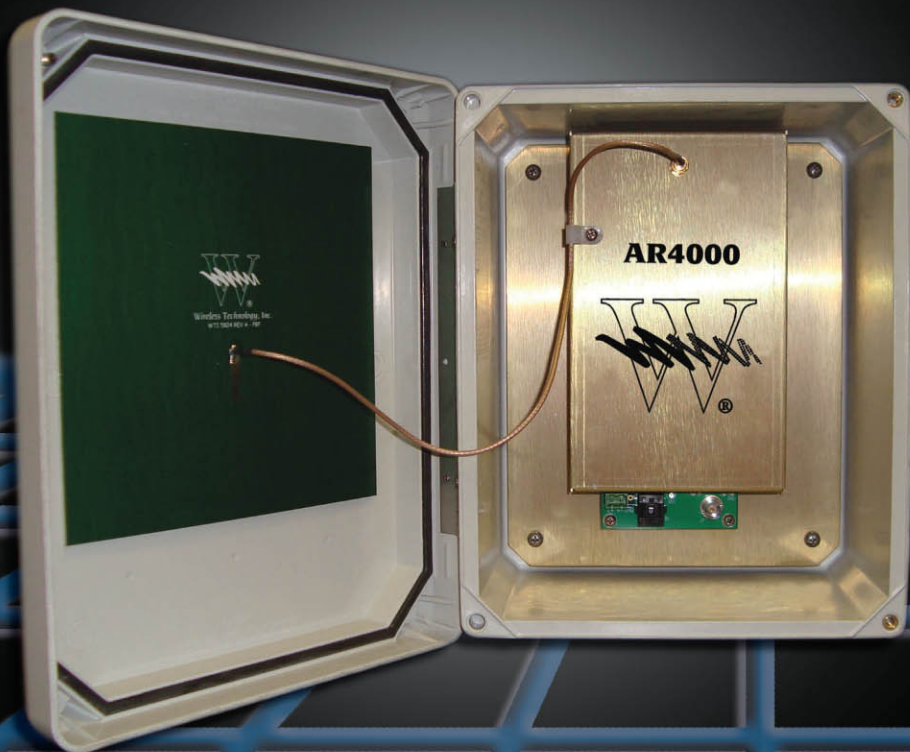


**When Failure is Not an Option!**

# AR4000

*Series Short Range Wireless  
Fixed-Site Analog Systems*



**WTI's wireless systems gives your system flexibility and unmatched security!**

*When conventional cable installations are impractical or impossible, WTI's AR4000 short range fixed site systems provide high-quality, real-time wireless video transmission and reception. The AR4000 systems provide exceptional performance through all climates and are not affected by fog, rain or snow.*



## **Features include:**

- The most cost effective solution.
- Eight field selectable channels of operation.
- LED power lights on both transmitter and receiver.
- Utilizes high-technology microstrip antennas.
- Channel lock VCO.
- Optional thermostatically controlled heater.
- No user license required.



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

WTI ● 2064 Eastman Avenue, Suite 113 ● Ventura, CA 93003-7787 ● toll free 866/gotowti (468.6984) ● fax 805/339.0932

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# Product Information : AR4000

The AR4000, 5.8 GHz fixed-site analog system includes: Video transmitter, internal transmitter antenna, video receiver, internal receiver antenna, AC/DC power adapters, installation / operation manual and pole mount brackets with mounting hardware.



## WTI Transmitter – TX

|                            |   |
|----------------------------|---|
| Power Options              | 12VDC @ 500mA wall transformer (standard) or 85-264VAC, 50/60Hz, 25 watts |
| Heater Model Power Options | 24VAC @ 1.4A wall transformer (standard) or 85-264VAC, 50/60Hz, 40 watts  |
| Frequency Band             | 5.732 GHz to 5.867 GHz  |
| Frequency Accuracy         | 50 ppm, -20° C to +45° C  |
| Effective Radiated Power   | 50,000 micro-volts / meter  |
| Transmitter Attack Time    | Less than 5m/sec.   |
| Spurious & Harmonics       | Less than -60 dBc   |
| Modulation                 | FM video  |
| Pre-Emphasis               | Complies to ITR and CCIR, 405-I   |
| Transmitter Antenna        | Gain +24 dBd, microstrip, beamwidth 14°                                   |



### INPUT

Video Input: Standard NTSC or PAL composite video signal (1.0V p-p), 75Ω output impedance, BNC female connector.

### POWER

Phoenix contact P/N 1757019

### DIMENSIONS

Weight 6 lbs.  
Size 9.3" W x 11.3" H x 5.3" D

*Weatherproof NEMA 4X non-metallic enclosure provided with a mast-mounted bracket (2" diameter mast, minimum size).*



Wireless Technology, Inc.

## WTI Receiver – RX

|                             |   |
|-----------------------------|---|
| Power Options               | 12VDC @ 500mA wall transformer (standard) or 85-264VAC, 50/60Hz, 25 watts |
| Heater Model Power Options  | 24VAC @ 1.4A wall transformer (standard) or 85-264VAC, 50/60Hz, 40 watts  |
| Receiver Input Sensitivity  | -70 dBm   |
| Receiver Accuracy           | 0.02%, -20° C to +45° C   |
| Spurious & Harmonics        | Less than -60 dBc   |
| Noise Figure (total system) | <4 dB   |
| Video Output Level          | 75Ω @ 1.0V p-p  |
| Receiver Antenna            | Gain +24 dBd, microstrip, beamwidth 14°                                   |



### OUTPUT

Video Output: Standard NTSC or PAL composite video signal (1.0V p-p), 75Ω output impedance, BNC female connector.

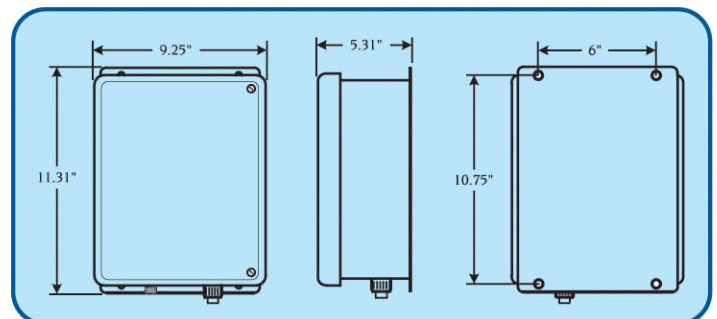
### POWER

Phoenix contact P/N 1757019

### DIMENSIONS

Weight 6 lbs.  
Size 9.3" W x 11.3" H x 5.3" D

*Weatherproof NEMA 4X non-metallic enclosure provided with a mast-mounted bracket (2" diameter mast, minimum size).*



MADE IN USA • Conforms to EIA-330-CCTV-A

**Contact a WTI applications engineer to configure a system to perfectly suit your needs.**

*Due to Wireless Technology, Inc.'s continuing efforts to engineer the best product, that is most responsive to our customer's needs, the above specifications are subject to change.*

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