



**The  
Intelligent  
Solution**

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

***Video Surveillance Products  
Dedicated to the Transportation,  
Broadcast, CCTV, and Global  
Security Markets!***

# WTI, Inc.

- **Wireless Technology, Inc is a privately held company located in Ventura, CA**
- **We have over 30 years of experience providing innovative solutions and exceptional customer service**
- **WTI's Sidewinder and related products are manufactured in the U.S**
- **Additionally we are the OEM camera manufacturer for Econolite and the RTMS OEM manufacturer for ISS (Image Sensing Systems)**



# ISO 9001 Certified



WTI is very proud to be an ISO 9001 certified company, 13 Years and counting!

- ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies
- What this means for us: an independent third party validates the entire Quality Management System every three years and audits one-third of the QMS at least once a year
- What this means for you: customers can feel confident that WTI's products have been well thought out and thoroughly tested



# Sidewinder Series

- Continuous 360° rotation in pan and tilt axes
- “Self cleaning” & thermostatically controlled heated glass window
- 0.05° preset repeatability accuracy
- Protection Rating IP 67 (Entire Camera) with or without pressurization
- Pelco D, P, Cohu, Javelin, Bosch, Diamond, NTCIP and ONVIF to name a few

## Hybrid only

- Hybrid IP and serial data with analog video out
- 7 Streams (H.264, MPEG4, MJPEG) and 1 Analog



# Sidewinder Series

Features:	SW720A	H.264-SD	H.264-HD	H.264-HD30	H.264-TI
Up to 64 Presets: 8 Tours with 32 presets per tour	X	X	X	X	X
2 Lines of camera I.D. Titling	X	X	X	X	X
Azimuth and Compass	X	X	X	X	X
Logo Overlay and Text		X	X	X	X
Environmental -40° F to +165°F	X	X	X	X	X
Wind Tunnel Tested over150mph	X	X	X	X	X
ENG option: locks pan/tilt motion	X	X	X	X	X
24VAC or 85-265VAC	X	X	X	X	X
Power consumption : 50W (with heater)	X	X	X	X	X
Weight : 14.5lbs	14lbs	X	X	X	X
MS or AMP connector options	X	X	X	X	X



# Sidewinder Series

Features	SW720A	H.264-SD	H.264-HD	H.264-HD30	H.264-TI
Lens	36x optical, 12x digital	36x optical, 12x digital	20x optical, 12x digital	30x optical, 12x digital	2x digital zoom
Resolution	NTSC or PAL, 540 Horizontal TVL	540 Horizontal TVL	1080p/720p HD, SD, & below	1080p/720p HD, SD, & below	320x240 Uncooled Microbolometer
Color Day/ BW night DSP	x	x	x	x	
16:9 Widescreen format			x	x	
Electronic Image Stabilization	x	x		x	
Wide Dynamic Range	x	x		x	
Defog		x		x	
Zoom speed		100° /Second, Pan/Tilt speed proportional to zoom			

# Sidewinder D/N Video



# Sidewinder Videos

- [Oil Platform](#)
- [Van](#)
- [Defog](#)
- [Wide Dynamic Range](#)

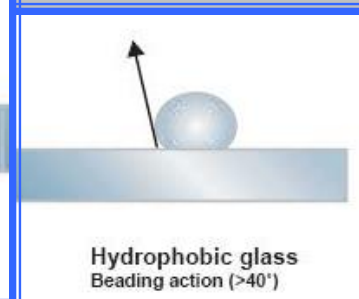
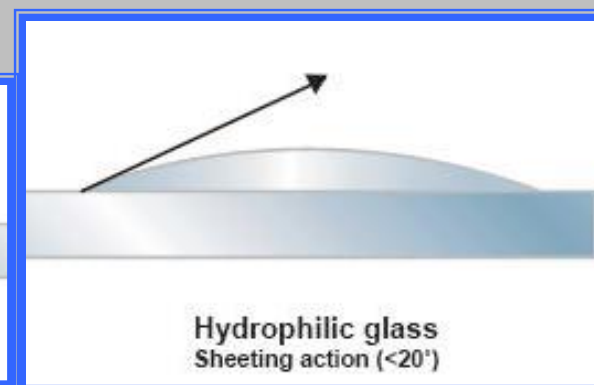
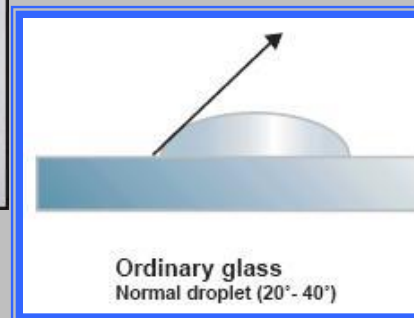
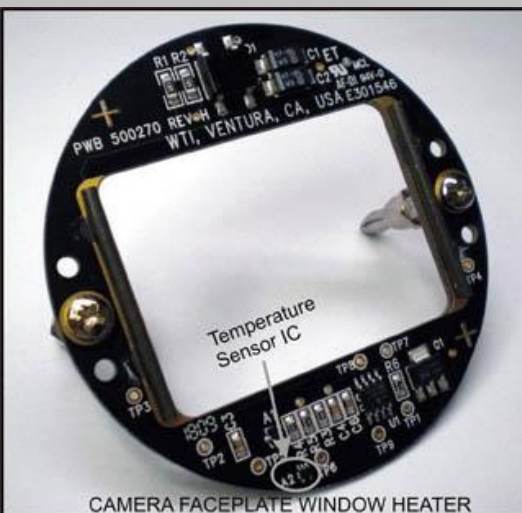






# Hydrophilic “SELF-CLEANING” Window Glass

- What is “self-cleaning” glass?
  - The front of our window glass is fused with  $\text{TiO}_2$  molecules. This allows water droplets to spread out, evaporating quickly without leaving debris or spots.
  - The back of the glass is fused with ITO molecules allowing electrical current to flow through the glass heating the window preventing fogging and freezing.



# How does it compare?

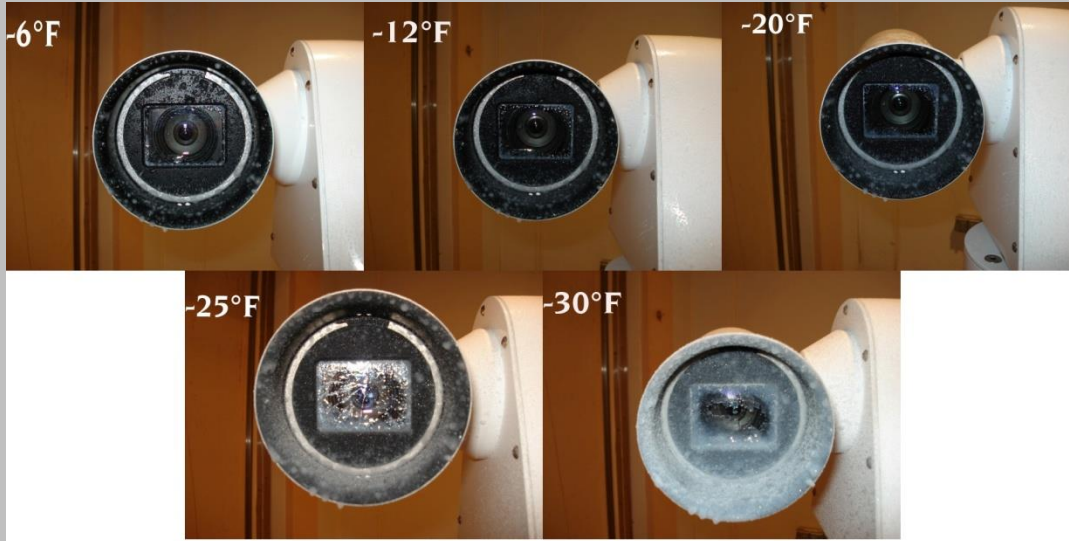
A typical surveillance camera at 2:00am



WTI's camera at 2:00AM the same morning

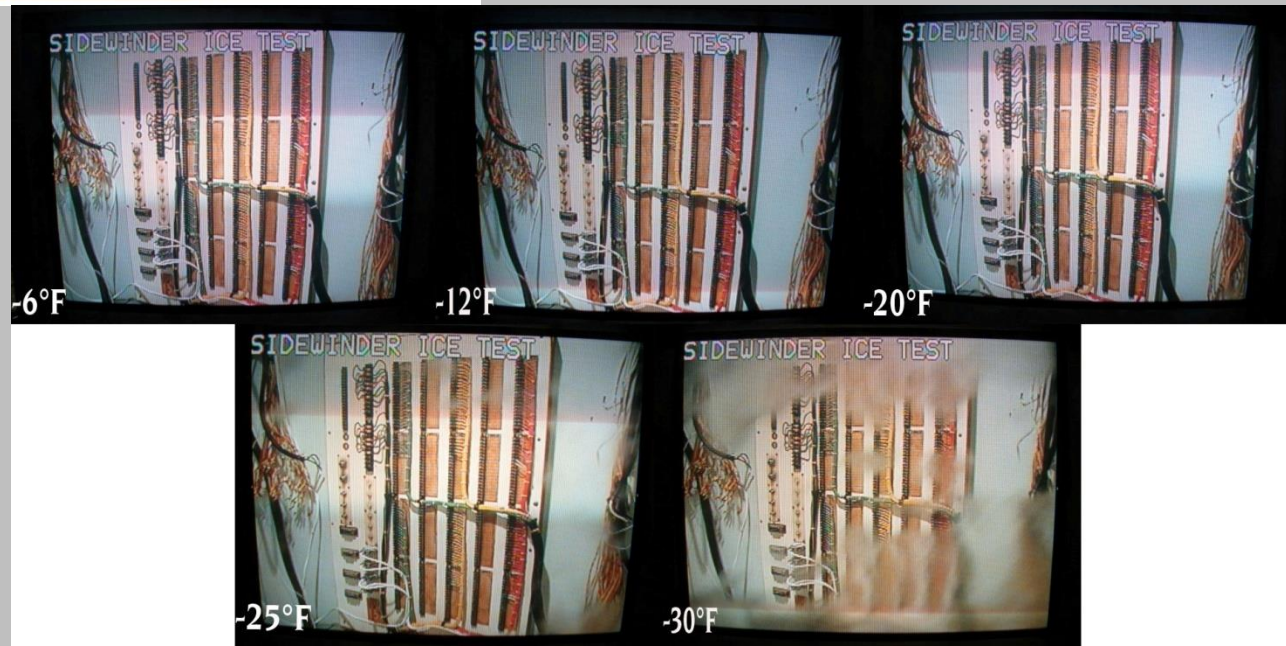


# Texas Ice Tests



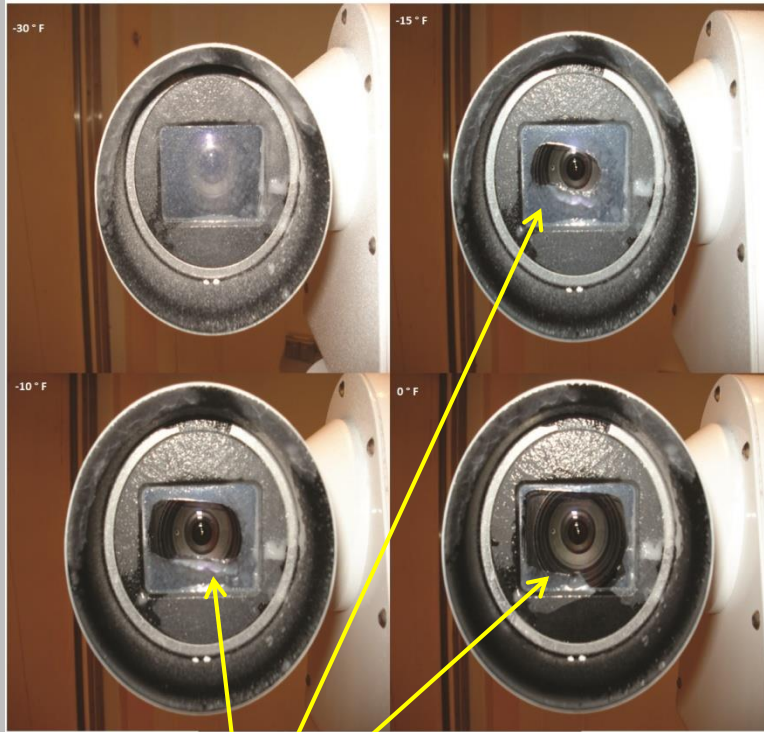
## Reducing Temperature

- +15°F to -20°F 100% Visibility
- -25°F 98% Visibility
- -30°F 50% Visibility



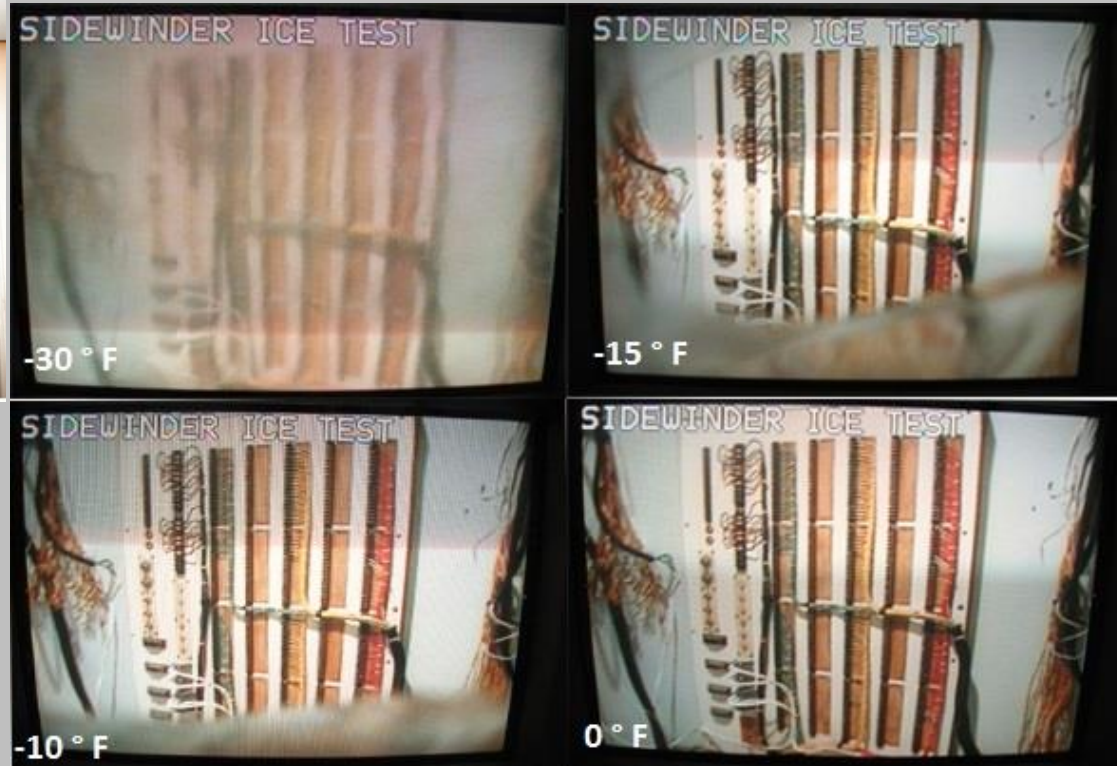


# Ice Tests– Cold Start



## Increasing Temperature

- -15°F 80% Visibility
- -10°F +90% Visibility
- -5°F +99% Visibility
- 0°F 100% Visibility



Defrosting from the  
inside out!!!



From start to 100% visibility in 30 minutes!

# Electrically Conductive ITO Window

## Competitor Camera

**“By comparison, the image labeled "I-10 & Geronimo" shows how snowflakes stuck and began to accumulate on the competitor camera”**



## WTI's camera

**“The images show how snowflakes turned to water droplets when they hit the WTI camera window”**



# Sidewinder Videos

- [Rain](#)
- [Self Cleaning Glass](#)
- [Thermal Imaging](#)





# Sidewinder Control

- WTI Camera Control Software/GUI
- Hand-Held Controllers
- Rack-Mount Controllers



# Sidewinder Mounts

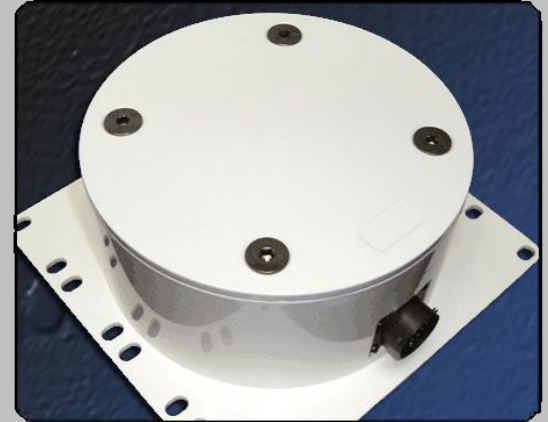
WTI's camera on signal pole!

	
Model #SWWM1: Wall Mount	Model #SWWM1 and #SWVPA: Wall Mount with Vertical Pole Mount Adapter
	
Model #SWHPM1: Horizontal Pole Mount	Model #SWPTM1: Post Top Mount
	
Model #15-4-913: 6" Round Riser Mounting Base	Model #15-4-1430: Square Mounting Plate



# More from WTI

- C-MAX Ultra Series Fixed Cameras
- SWEH.264 IP Video Encoder
- Wireless Solutions...



# Wireless Solutions: MACH V



## Features Include:

- Up to 54 Mbps data throughput.
- Range up to 50 miles.
- Encrypted data transmission.
- 5.8 GHZ
- 13 Channels
- Point to Multi Point
- Web browser set up.
- POE option.
- Optional H.264 video encoder.
- Patch or External Fan Antenna option
- Supports 802.11 a



# The Whole Package

- Exceptional Customer Service
- Light weight (14.5lbs)
- Low maintenance
- Energy wise
- Reliable
- Durable





- **NEXT STEPS...**