

**When Failure is Not an Option!**

# Sidewinder

H.264 Standard Definition

Model Listing:

SW720-H.264-SD  
SW720-H.264-SD-ENG  
SW720Amp-H.264-SD  
SW720HV-H.264-SD  
SW720HV-H.264-SD-ENG  
SW720HVP-H.264  
SW720P-H.264  
SW720-24-H.264-SD

## For use in any application!

- |                |                  |                          |
|----------------|------------------|--------------------------|
| ⇒ Power plants | ⇒ Intersections  | ⇒ Government             |
| ⇒ Airports     | ⇒ Freeways       | ⇒ Military Applications  |
| ⇒ Parking      | ⇒ Parks          | ⇒ Water Treatment        |
| ⇒ Bridges      | ⇒ Arenas         | ⇒ Border Surveillance    |
| ⇒ High Rises   | ⇒ Sea Ports      | ⇒ Educational Facilities |
| ⇒ Tunnels      | ⇒ Off-Shore Rigs | ⇒ Financial Institutions |



[www.gotowti.com](http://www.gotowti.com)  
An ISO 9001:2000 Certified Company

## Features include:

- 0.05° preset repeatability accuracy.
- Continuous 360° rotation in both axes.
- 36X optical zoom lens with electronic image stabilization.
- Hydrophilic "self cleaning" glass window.
- Wide Dynamic Range (WDR)
- Day/night DSP camera technology.
- H.264/MPEG-4/MJPEG video encoding.
- Optional camera enclosure pressurization.
- Optional RS422-485 Serial control with composite analog video.

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# Product Information : Sidewinder : H.264 Standard Definition

## WTI ~ Sidewinder : H.264 Standard Definition

<b>Camera</b>	
Imager	1/4" color progressive scan, Interline transfer CCD
Resolution	NTSC or PAL, 520 horizontal TV lines
Effective Pixels	NTSC @ 768 x 494, PAL @ 768 x 582
Lens	High durability 36X optical zoom, F1.4 with 12X digital zoom
Focal Length	3.4 mm ~ 120 mm
S/N Ratio	>52dB
Iris	Auto or Manual Override
Shutter	Auto or Manual Override
Focus	Auto or Manual Override
Wide Dynamic Range	(WDR) On/Off
Sync	Internal or external
IR Cut Filter	Auto or manual (on/off)
Sensitivity	0.5 lux typical down to 0.01 lux in IR mode

<b>Electrical</b>	
Power Input	24VAC ± 6 VAC or 85-265 VAC
Power Consumption (with heater on)	50W

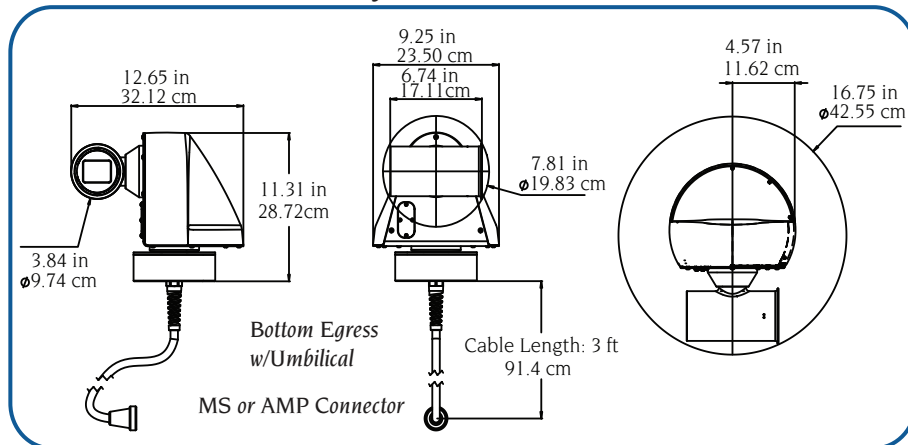
<b>Mechanical</b>	
Weight	14.5 lbs. (6.5 kg.)
Vibration (less lens)	3g (rms) random 5 to 1000 Hz, any axis
Air Contaminants	Withstands exposure to sand, dust, fungus, salt atmosphere, per MIL-E-5400T, paragraph 3.2.24.7, 3.2.24.8, and 3.2.24.9

<b>Environmental</b>	
Ambient Temp. Limit	-29° F to + 165° F (-34° C to +74° C) Conforms to NEMA 2.1.5.1 Std TS2 for traffic control systems
Humidity	100% relative humidity
Protection Rating	IP-67/NEMA-4x/ASTM-B117 (entire camera)

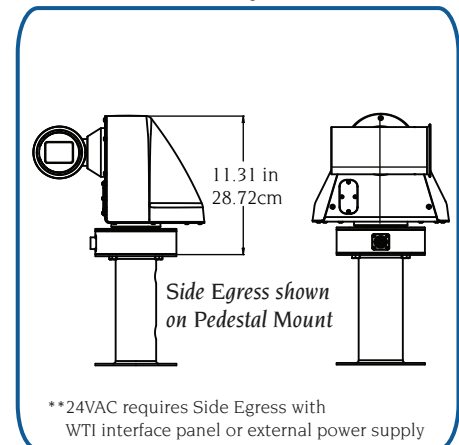
<b>Positioner</b>	
Pan/Tilt Drive	
Pan Angle Range:	continuous 360°
Tilt Angle Range:	continuous 360°
Pan Speed:	100°/sec - proportional to zoom
Tilt Speed:	100°/sec - proportional to zoom
Pan/Tilt Encoder Resolution:	0.05°
Pan/Tilt Repeatability:	0.05°
Preset	64 preset positions
Title Generation	2 lines of 24 characters for camera ID and preset ID
Logo Overlay	
Tours	8 tours of 32 presets with individual dwell settings per preset
Protocol	ONVIF, Pelco-D, COHU, NTCIP, WTI
Firmware	Field upgradable flash memory

<b>H.264/MPEG4 Encoding Engine</b>	
Video Encoding	H.264 (High Profile/ Level 3.1), MPEG4, or MJPEG
Image Resolution	DI, VGA, HVGA, QVGA 2CIF, NTSC, SDTV
Streaming Mode	CBR or VBR
Image Settings	GOP I, P
Frame Rate	30, 15, 7, 4, 2, 1
Data Rate	Adjustable from 64kb to 3Mb/sec
Connection Types	Uni-cast or multi-cast
Network Protocol Layers	RTP, RTSP, UDP, TCP, IP, IGMPv2, ICMP, ARP

**Bottom Egress w/Umbilical Cable**



**Side Egress**



MADE IN THE USA

**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.

