

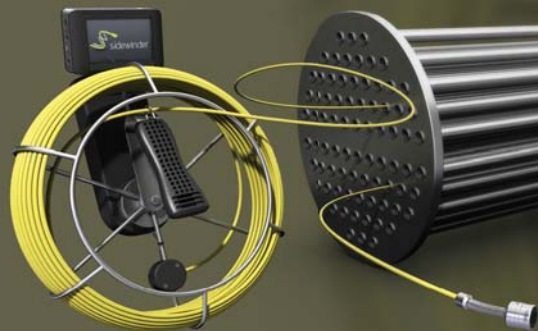


## Handheld Tube Inspection With Wireless Viewing And Recording

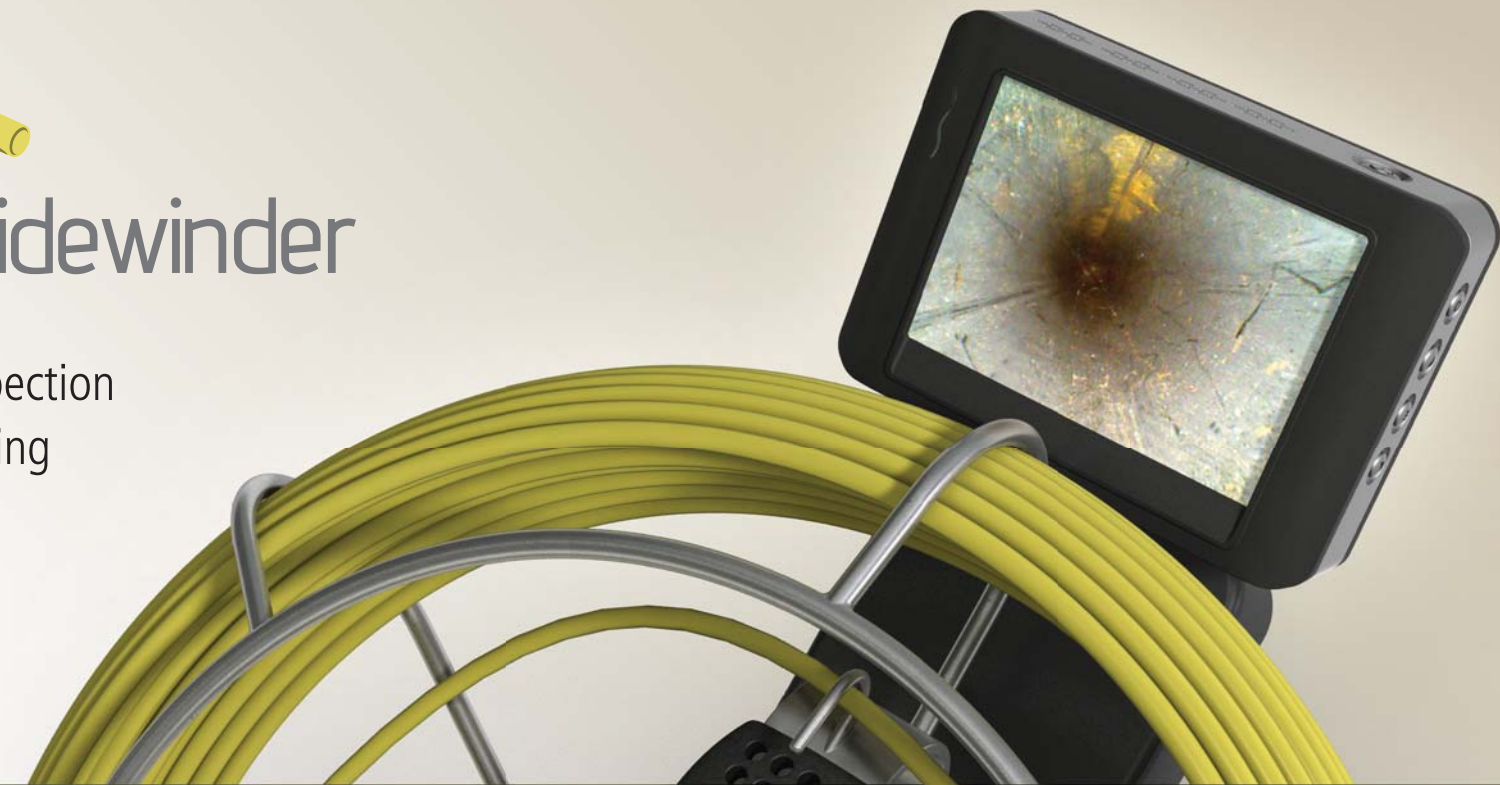
### Portable, one-pass inspection of exchanger tubes and small pipes.

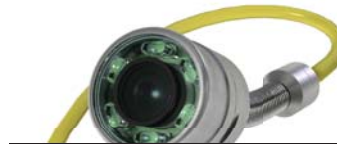
Easy to carry on ladders and catwalks, Sidewinder™ inspects 100' into pipes as narrow as  $\frac{13}{16}$ ". Simply grip the reel in one hand and feed the camera with the other

as you watch video on the LCD monitor. To document inspections, Sidewinder™ records up to 32GB of video and images to a micro SD card, and connects to your PC via USB. In tight areas, the monitor undocks for wireless viewing/recording in the palm of your hand, or attached to your workpiece with a magnetic swivel mount.



An affordable alternative to video scopes, Sidewinder™ extends 100' to inspect heat exchanger coils in a single pass, and its compact camera fits where others won't.





### Camera

*imager* sensor . . . . . 1/4" (PAL or NTSC)  
 pixels . . . . . 720 × 576 / 720 × 480 (PAL/NTSC)  
 sensitivity . . . . . 0.01 lux  
 shutter . . . . . 1–1/10000 sec. (auto)  
 white balance, gain, exposure . . . . . auto  
 dimensions . . . . . 3/4" dia. × 3/4" long (2 1/8" long with spring)  
 focus . . . . . infinite adjustment, no tools required  
 standard lens . . . . . 70 deg FOV  
 illumination . . . . . shadowless, bright white LED  
 submersibility . . . . . 100'  
 operating temperature . . . . . -20 to 70°C



### Accessories

centering devices (1.35", 1.5") • right-angle mirror adapter •  
 magnetic swivel monitor mount • extra monitor (for dual viewing) •  
 lenses (40, 55, 70, 90 deg FOV) • MicroSD card (4, 8, 16, 32 GB) •  
 MicroSD card adapter (to SD or MiniSD) • AC adapter



### Monitor/Recorder

*screen* type . . . . . 3.6" TFT LCD w/ anti-reflective coating  
 pixels . . . . . 640 × 480  
 viewing angle . . . . . 50 degrees  
*recording* media . . . . . micro SD card (up to 32 GB)  
 video . . . . . AVI at 640 × 480 and up to 30 fps  
 images . . . . . JPG at 640 × 480  
*outputs* phono . . . . . (analog video)  
 mini USB . . . . . (digital video files)  
*wireless* range . . . . . up to 32'  
 format . . . . . 2.4 GHz at FM  
 charge/operating time . . . . . 3 hr. / 1.5–3 hr.  
 features . . . . . time/date stamp, 10 languages, selectable PAL/NTSC



### Handheld Reel

cable dimensions . . . . . 100' long × 3/16" dia.  
 cable composition . . . . . PVC-coated with fiberglass center  
 reel size/weight . . . . . 11.5" / 4.5 lb.  
 controls . . . . . power on/off, lamp intensity  
 connectivity . . . . . 3mm video out, monitor dock  
 power . . . . . 4 AA batteries (or 6 Vdc mains adapter)

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

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