

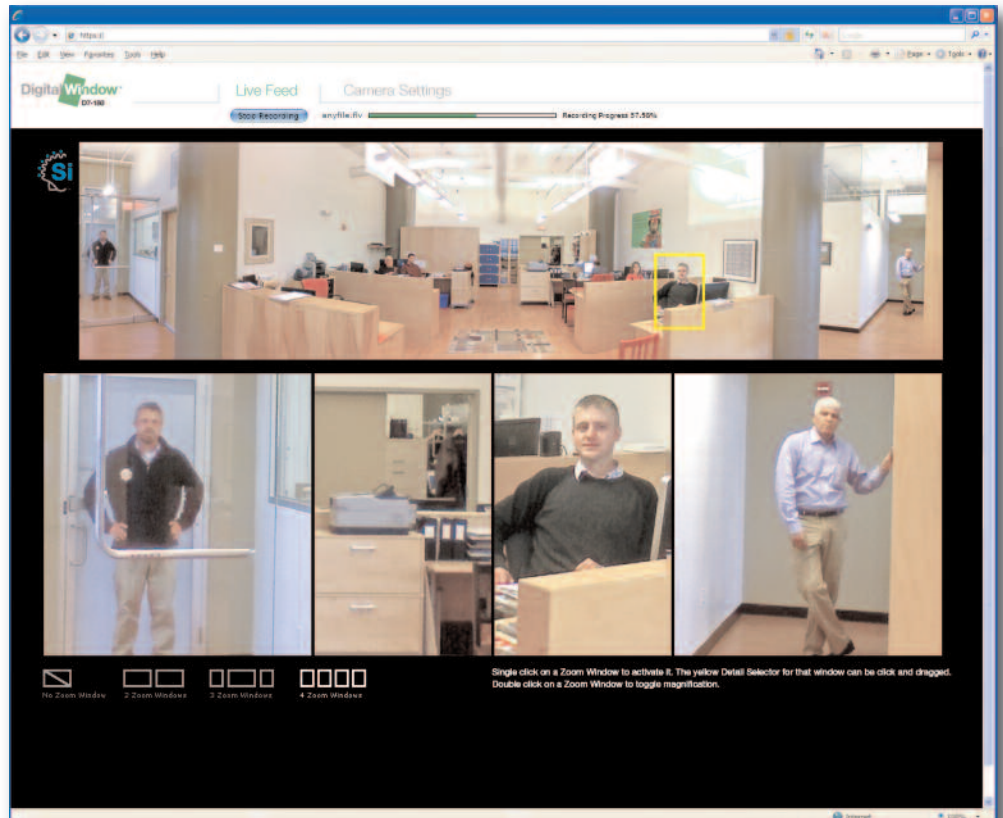
# D7 180 Camera

- **One HD window combines a constant 180° situational awareness view and up to four simultaneous detail views**
- **H.264 compression**
- **Power Over Ethernet (POE)**
- **Works with leading IP Video Management Systems and standard web browsers**

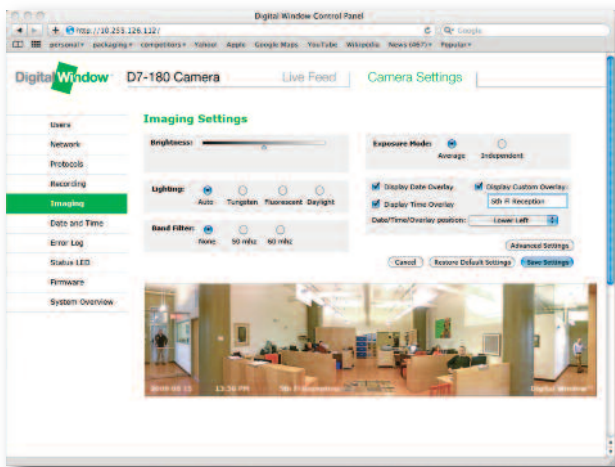
The 7 megapixel Digital Window® D7-180 video surveillance camera is the first stand-alone computational imaging system. The imaging task is distributed among five powerful microsensors.

Processing over 100 megapixels per second, the D7-180 synthesizes the image data into (1) 15 fps HD window that combines a seamless 180° field of view plus up to four separate and instantly repositionable detail views. In addition, the camera can record the full resolution 7 Mpixel image stream at 1 fps in the background for storage and viewing later.

You never lose sight of the overall scene as you would with a PTZ camera. The discreet and compact camera can also be accessed using a web browser interface.



Live Feed screen on a standard browser



Camera settings can be adjusted through a standard web browser.

## Now available



Outdoor vandal resistant housing



Recessed Wall Mount

## Purchasing a D7-180 Camera

Please visit our website, <http://scallopimaging.com/purchase>, for a list of sales representatives.

## SPECIFICATIONS

## DIGITAL WINDOW® D7-180 CAMERA

### Camera:

Image Device	(5) 1.3 Mpixel CMOS
Number of effective pixels	6,553,600 pixels
Shutter	Electronic rolling shutter
Gain Control	Automatic gain control
Exposure control	Average, 5 zone independent
Depth of Field	1 ft. to infinity
Minimum illumination	.5 lux

### Image:

Image size (HxV)	2 simultaneous video streams: <ul style="list-style-type: none"> <li>• A standard 15 fps HD frame comprised of a 1280 x 320 situational awareness (SA) window plus a 1280 x 400 sub window allocated to up to four zoom windows;</li> <li>• 5120 x 1280 full res stream at 1 fps</li> </ul>
Field of view	180° x 48° 28 pixels per degree of field of view
Image resolution	Everywhere within the field of view equivalent to resolution of a 1.3 MP camera with a 33.7mm lens
Compression	H.264
Maximum frame rate	15 fps for SA and zoom, 1 fps for full res window
Compression ratio	User selectable

### Bandwidth requirements\* using H.264 at good quality compression:

HD Window:	At 15 fps, less than 2.0 Mbit/sec
Full Res Image:	At 1 fps, less than 1 Mbit/sec

\*Bandwidth requirements are scene dependent. Your results may vary.

### Audio:

Audio in/out with firmware upgrade

### Minimum System Requirements:

- Windows® XP (SP3), Vista, or Windows 7
  - 2.0 GHz CPU (Dual-core 1.8GHz or higher CPU with 2 GB RAM or higher recommended)
  - 2 GB RAM or higher
  - 200 MB hard drive space
  - Display adapter capable of 16-bit color depth or higher, 256 MB or higher video memory
  - Minimum display resolution 1280 x 1024
  - 10/100 Mb Ethernet adapter
  - 10/100 Router (Gigabit Router recommended)\*
  - POE Switch\*
  - Internet Explorer 8 or higher or Mozilla FireFox 3.6.1 or higher
- \* Optional depending on deployed network topology

### Network:

Protocols	TCP/IP, HTTP, SMTP, DHCP, RTP/RTSP, DNS, BONJOUR
Interface	Internet Explorer, Firefox,

### Interface:

Ethernet	10Base-T/100Base
COMM ports	Ethernet
Audio line in	Mini-jack (stereo)
Audio line out	Mini-jack (monaural)

### General:

Weight	11.6 oz. (329 g)
Dimensions (WxHxD)	3.28 x 5.72 x 2.49 inches (83 x 145 x 63 mm)
Power requirements	48V PoE, 12V DC
Power consumption	< 7 W
Operating temp.	-40°F to 140°F (-40°C to 60°C)
Storage temperature	-40°F to 185°F (-40°C to 85°C)

### Supplied Accessories:

12V DC power supply, surface mount kit, angle mount kit

### Warranty:

24 months



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

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