Scallop Imaging®

D7 180 Camera

All you need to see it all.
180° 7MP IP Camera.

Scallop cameras mimic human vision.™
It's like being there yourself.

- **Two simultaneous video streams:**
  - **720 HD** combining a constant 180° situational awareness view and up to four simultaneous detail views;
  - **Full resolution** (5120 x 1280 pixels) at 1 fps for recording and viewing forensically.

- **Works with leading IP Video Management Systems**

- **Camera set-up using standard web browser interface**

An actual video frame from the D7-180 Camera.

SPECIFICATIONS   DIGITAL WINDOW® D7-180 CAMERA

Camera:

Image Sensor	(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: • 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; • 5120 x1280 full res stream at 1 fps
Field of view	180º x 48º 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.

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

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.	-40ºF to 140ºF (-40°C to 60°C)
Storage temperature	-40ºF to 185ºF (-40°C to 85°C)

Supplied Accessories:

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

Warranty: 24 months

Purchasing a D7-180 Camera

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

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