



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

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

# D7<sup>TM</sup> 180 Camera



- **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) 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

### D7-180 CAMERA

#### Camera:

Image Sensor	5 x 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 at 8 fps

#### 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 resolution stream at 3 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, 3 fps for full resolution window
Compression ratio	User selectable

#### Bandwidth requirements<sup>1</sup> using H.264 at good quality compression:

HD Window:	At 15 fps, less than 2.0 Mbit/sec
Full Resolution Image:	At 3 fps, less than 3 Mbit/sec
<sup>1</sup> Bandwidth requirements are scene dependent. Your results may vary.	

#### Minimum System Requirements:

- Windows 7, Windows 8
- 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
- 256 MB or higher video memory
- Minimum display resolution 1280 x 1024
- 10/100 Mb Ethernet adapter
- PoE Switch or 12V power supply (available from Scallop Imaging)
- Internet Explorer or Mozilla FireFox

#### Network:

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

#### Interface:

Ethernet	10Base-T/100Base Ethernet
COMM ports	

#### General:

Weight	9 oz. (255 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:

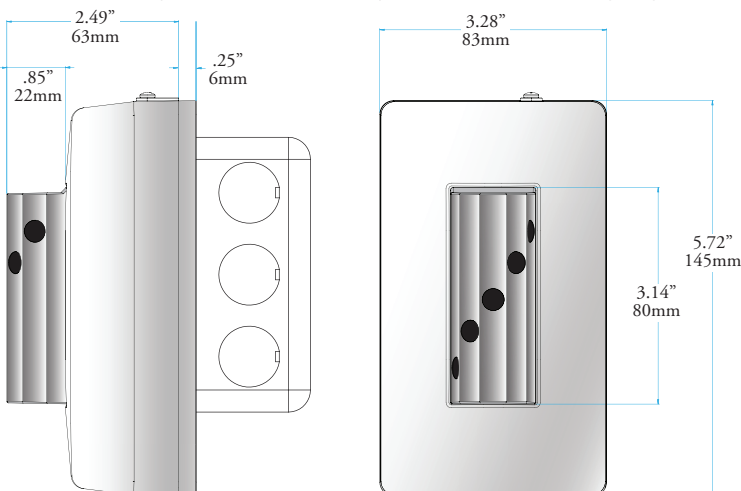
- Surface mount
- Flush mount
- Angled mount

#### Optional Accessories:

- Outdoor housing
- Recess mount
- 12V DC power supply
- Indoor adjustable camera mount attachment (1/4 x 20)

#### Limited Warranty:

24 months (subject to standard terms and conditions)



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

©2014 Scallop Imaging 480 William F. McClellan Hwy, Ste 306, Boston, MA 02128-1389 USA 617.849.6400

Specifications subject to change without notice. US Patent No. 7,262,789 and additional U.S. and international patents.

MKT-003-R3  
20140916