Overview

The 7 Series is a full-featured, multi-megapixel H.264 Main Profile indoor camera. With support for up to 5 MP resolutions, the 7 Series provides multiple, individually configured H.264 and simultaneous MJPEG streams. All models are ONVIF and PSIA compliant.

Designed with the installer in mind, analog video out along with remote back-focus makes installation easy. Using the One-Touch-Focus feature greatly reduces installation time and allows fine focus adjustment from a remote computer, eliminating the need for manual focus adjustments at the camera.

Featuring a moveable IR filter for true day and night functionality, the 7 Series provides image controls for optimization of video for any lighting condition. Two-way audio allows for interactive communication between the camera and monitoring site. The external on-camera SDHC memory expansion port makes the 7 Series a flexible standalone platform ideal for motion-based recording or remote monitoring.

FEATURES:

- Resolutions up to 5 MP
- H.264 Main Profile + MJPEG Compression
- 1, 2, 3 MP WDR (100dB)
- Remote back-focus
- Analog video out
- On-camera storage (Micro SDHC)
- Two-way audio
- True day/night movable IR filter
- Lightgrabber™ II low-light feature
- Power-over-Ethernet
- ONVIF and PSIA compliant
IQEYE 7 SERIES

**SPECIFICATIONS**

**Network Video Transmission**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compression</td>
<td>H.264; M-JPEG</td>
</tr>
<tr>
<td>H.264 Profile</td>
<td>Main</td>
</tr>
<tr>
<td>Sensor</td>
<td>1/3&quot; CMOS; 1/2.5&quot; for 5 MP</td>
</tr>
<tr>
<td>JPEG Compression</td>
<td>User configurable</td>
</tr>
<tr>
<td>Quality Settings</td>
<td>Auto/Programmable/Fixed</td>
</tr>
<tr>
<td>Shutter Speed</td>
<td>Auto/Programmable</td>
</tr>
<tr>
<td>Image Settings</td>
<td>Saturation, contrast, brightness, sharpness</td>
</tr>
<tr>
<td>Exposure</td>
<td>User configurable</td>
</tr>
<tr>
<td>White Balance</td>
<td>Auto (BLC)</td>
</tr>
<tr>
<td>IR Range (sensor)</td>
<td>800 to 940 nm</td>
</tr>
</tbody>
</table>

**Network**

- **Supported Protocols:** TCP/IP, HTTP, HTTPS, DHCP, UDP, RTP, RTSP, DNS, ARP, ICMP, NTP, UPnP, ZeroConf, UDP multicast, APIPA, CIFS, SMTP, Telnet
- **Password Protection:** Secure multi-level

**Input/Output**

- **Input Power:** Power over Ethernet (PoE, 802 3af Class 3); 24 VAC; 12-24 VDC
- **Power Consumption:** < 8 W, typical
- **AC Lighting:** 50 Hz/60Hz, selectable
- **Network Interface:** RJ-45 10Base-T/100Base-TX
- **Physical I/O:** 1 input, 1 output
- **Audio I/O:** Built-in microphone, mic/line in, line out
- **On-Camera Storage:** Micro SD class 10 UHS (card not included)

**Features**

- **Virtual Cameras:** User configurable windows
- **Motion Detection:** User configurable windows
- **Time Lapse Recording:** User configurable
- **Event Based Recording:** User configurable
- **Flip and Rotate:** 180°, horizontal and vertical
- **Analog Video:** Continuous NTSC/PAL
- **Audio Support:** Two way G.711 PCM 8 kHz
- **Focus Assist:** Remote back-focus with one-touch-focus
- **Analytics Ready:** Yes
- **IQapps and Utilities:** IQfinder, IQmanager, IQanalytics, IQaccess

**IQEYE 7 SERIES SPECIFICATIONS**

**Models and Descriptions**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. Resolution</th>
<th>Max. Frame Rate</th>
<th>Min. Illumination (without IR)</th>
<th>Field-of-View</th>
</tr>
</thead>
<tbody>
<tr>
<td>IQ761WI</td>
<td>1 MP (HD 720P) - 1280 x 720</td>
<td>30 fps</td>
<td>Color: 0.1 lux; BW: &lt;0.05 lux</td>
<td>V6: 9° - 18°; V17: 27° - 70°</td>
</tr>
<tr>
<td>IQ762WI</td>
<td>2 MP (HD 1080P) - 1920 x 1080</td>
<td>30 fps</td>
<td>Color: 0.2 lux; BW: &lt;0.05 lux</td>
<td>V6: 9° - 18°; V17: 27° - 70°; W2: 75° - 102°</td>
</tr>
<tr>
<td>IQ763WI</td>
<td>3.1 MP - 2048 x 1536</td>
<td>20 fps</td>
<td>Color: 0.2 lux; BW: &lt;0.05 lux</td>
<td>V6: 10° - 24°; V17: 28° - 75°; W2: 78° - 106°</td>
</tr>
<tr>
<td>IQ765NI</td>
<td>5.0 MP - 2560 x 1920</td>
<td>10 fps</td>
<td>Color: 0.3 lux; BW: &lt;0.05 lux</td>
<td>V6: 9° - 28°; V17: 36° - 93°; W2: 87° - 115°</td>
</tr>
</tbody>
</table>

N=Day/Night; I=Indoor; W=WDR (Day/Night)

**Dimension Drawings**

Data Sheet Number: Dated: 8/2015
Specifications subject to change without notice.