S2 Magic Monitor® Appliances

Overview

S2 Magic Monitor unifies access control, video surveillance, forensics, digital signage and live Internet feeds in a single, easy-to-use client. S2 Magic Monitor appliances provide plug-and-go client solution options ranging from single displays to command center workstations and expansive video walls.

Tight integration with S2 NetBox® access control and event monitoring systems allows for easy administration of person records, which include recent activity as well as editable information such as credentials and access levels. The live access control and event monitoring log enables one-click viewing of associated event video and photo IDs.

Video streams from S2 NetVR® servers or supported third-party video management systems can be directed to any local or remote Magic Monitor display. Other features include video playback from a live video stream, digital zoom and on-screen PTZ controls. Integrated advanced forensics make it easy to search, review and catalog video.

S2 Magic Monitor enables digital content such as images, signage, RSS feeds, television and promotional videos to be projected to any Magic Monitor in the system. Standard widgets for time zone clocks, traffic, weather, news feeds and website pages are built in.

Key Features

System Management

- **People Management**: Enables instant people search as well as addition and management of person records
- **Activity Log**: Displays live access control and event monitoring activity log with active controls
- **Real-Time Surveillance**: Allows for live video tours and on-screen PTZ controls
- **Forensic Search**: Locates video of interest with a single click and saves it to the case library
- **Digital Signage**: Pushes digital signage to displays for safety, informational and marketing purposes
- **Dynamic Cells**: Provides the ability to program any Magic Monitor cell with interactive content
- **Live Widgets**: Presents dynamic content such as web pages, time zone clocks, weather, traffic, news scroll tickers and RSS feeds

System

- **Out-of-Box Solution**: Delivers appliance and client together in a plug-and-go solution
- **S2 NetBox Access Control Integration**: Pushes video or digital signage to displays in response to S2 NetBox events and alarms
- **Video Management System Integration**: Displays video from any S2 NetVR or supported third-party video management system
- **Customizable Displays**: Provides customizable layouts including camera tours, activity logs, event video, text and media
## Specifications – S2 Magic Monitor Appliances

**Video Management**

<table>
<thead>
<tr>
<th></th>
<th>Magic Brick</th>
<th>Magic Wall - Tower</th>
<th>Magic Wall - Rack Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP Camera Streams</td>
<td>16 SD streams @ 30 fps</td>
<td>64 SD streams @ 15 fps</td>
<td>64 SD streams @ 15 fps</td>
</tr>
<tr>
<td></td>
<td>16 1MP or 720p HD streams @ 15 fps</td>
<td>32 1MP or 720p HD streams @ 30 fps</td>
<td>32 1MP or 720p HD streams @ 15 fps</td>
</tr>
<tr>
<td></td>
<td></td>
<td>48 1MP or 720p HD streams @ 15 fps</td>
<td>48 1MP or 720p HD streams @ 30 fps</td>
</tr>
<tr>
<td>Maximum Aggregate Bit Rate</td>
<td>100 Mbps</td>
<td>300 Mbps</td>
<td>300 Mbps</td>
</tr>
</tbody>
</table>

**Appliance**

<table>
<thead>
<tr>
<th></th>
<th>Magic Brick</th>
<th>Magic Wall - Tower</th>
<th>Magic Wall - Rack Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>Intel Core i3</td>
<td>Intel Core i7</td>
<td>Intel Core i7</td>
</tr>
<tr>
<td>Memory (RAM)</td>
<td>8GB</td>
<td>8GB</td>
<td>8GB</td>
</tr>
<tr>
<td>Operating System</td>
<td>Windows Embedded</td>
<td>Windows Embedded</td>
<td>Windows Embedded</td>
</tr>
<tr>
<td>Storage</td>
<td>240GB SSD</td>
<td>256GB SSD</td>
<td>256GB SSD</td>
</tr>
<tr>
<td>Ethernet Ports</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>HDMI</td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Mini Display Port</td>
<td>1</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>MTBF</td>
<td>66,640</td>
<td>51,700</td>
<td>51,700</td>
</tr>
<tr>
<td>Chassis</td>
<td>Brick</td>
<td>Tower</td>
<td>Standard 2U rack mount, rail kit included</td>
</tr>
<tr>
<td>Dimensions (H, W, D)</td>
<td>1.89in x 4.53in x 4.37in (48mm x 115mm x 111mm)</td>
<td>13.0in x 3.8in x 14.4in (330mm x 96mm x 365mm)</td>
<td>3.5in x 19.0in x 17.0in (89mm x 483mm x 432mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>1 lb (0.45 kg) maximum</td>
<td>13 lbs (5.89 kg) maximum</td>
<td>22 lbs (9.97 kg) maximum</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>50° – 95°F (10° – 35°C)</td>
<td>50° – 95°F (10° – 35°C)</td>
<td>50° – 95°F (10° – 35°C)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-4° – 140°F (-20° – 60°C)</td>
<td>-40° – 158°F (-40° – 70°C)</td>
<td>-40° – 158°F (-40° – 70°C)</td>
</tr>
<tr>
<td>Operating Environment</td>
<td>Humidity 85%, non-condensing 35°C</td>
<td>Humidity 85%, non-condensing 35°C</td>
<td>Humidity 85%, non-condensing 35°C</td>
</tr>
<tr>
<td>AC Input</td>
<td>100 - 240 VAC, 50/60 Hz, 1.5A</td>
<td>100 - 240 VAC, 50/60 Hz, 5A/2.5A</td>
<td>100 - 240 VAC, 50/60 Hz, 6A/3A</td>
</tr>
<tr>
<td>BTU Maximum</td>
<td>221 per hour</td>
<td>1,023 per hour</td>
<td>1,364 per hour</td>
</tr>
<tr>
<td>Regulatory Approvals</td>
<td>UL, CE, FCC, RoHS</td>
<td>FCC, RoHS</td>
<td>FCC, RoHS</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 years, hardware; 1 year, software</td>
<td>2 years, hardware; 1 year, software</td>
<td>2 years, hardware; 1 year, software</td>
</tr>
</tbody>
</table>

**Part Numbers**

- Magic Brick: S2-MMB
- Magic Wall - Tower: S2-MMW-TW
- Magic Wall - Rack Mount: S2-MMW-RM

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*S2 Magic Monitor appliances support solution options ranging from single displays to command center workstations and expansive video walls.*
Digital content can be projected onto Magic Monitor displays for safety, informational and marketing purposes.

Digital content is easily shared with other Magic Monitors in real time, whether on command or when triggered by S2 NetBox events and alarms.

For more information, please visit s2sys.com.