Features

- View, Record, Search, Remote Access and Backup video simultaneously with PentaPlex.
- Networking and setup are made convenient via EZ Link, three-step automation.
- REVO Quickconnect Cables make installation a snap. One cable handles everything: video, audio and power.
- POS Interfacing allows the system to record both video and receipt information for transactions.
- Motion Blocks enable you to be selective your Motion Detection. Set camera view regions of higher and lower sensitivity to avoid areas of typical high traffic.
- Be notified of events that occur via Email, Twitter, Push Notification and more. Email includes Video Clip attachment of the incident.
- With Smartphone support, you can use your REVO system from virtually anywhere at any time.

Contents

- 16 Ch. 2TB 960H DVR with 12 RJ12 and 4 BNC Ports
- 700 TVL Indoor/Outdoor Turret Camera with 100’ Night Vision (8)
- Wired Mouse
- Remote Control
- 60’ RJ12 Cables (8)
<table>
<thead>
<tr>
<th>R16DVR5</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIDEO</strong></td>
<td></td>
</tr>
<tr>
<td>Signal Format</td>
<td>NTSC</td>
</tr>
<tr>
<td>Video Input</td>
<td>12 RJ-12 and 4 BNC inputs, 1 Vp-p, auto-terminating, 75 Ohms</td>
</tr>
<tr>
<td>Monitor Outputs</td>
<td>HDMI: 1 HDMI, VGA: 1</td>
</tr>
<tr>
<td>Video Resolution</td>
<td>HDMI: 1920x1080, 1440x900, 1280x1024, VGA: 1920x1080, 1440x900, 1280x1024</td>
</tr>
<tr>
<td>Record Speed (images per second)</td>
<td>480ips (NTSC), 400ips (PAL) @ D1 (Real-time)</td>
</tr>
<tr>
<td>Playback Speed (images per second)</td>
<td>480ips (NTSC), 400ips (PAL) @ CIF (Full Duplex)</td>
</tr>
</tbody>
</table>

| **INPUTS/OUTPUTS**      |                             |
| Alarm Input             | 16 terminal, programmable as NC or NO, 2.4V (NC) or 0.3V (NO) threshold, 5VDC |
| Alarm Output            | 2 relay output, terminal blocks, 1A@30VDC (NO) |
| Internal Buzzer         | 80dB at 10cm |
| Network Connectivity    | 10/100Mbps, 1Gbps Ethernet (RJ-45) |
| Audio Input             | RJ-12 Input: 12 Line In |
| Audio Out               | RCA Output: 1, Line Out |
| Text Input              | POS Interface, ATM Interface |

| **CONNECTORS**          |                             |
| Video Input             | 12 RJ-12 (12V, Max. 410mA) and 4 BNC |
| Monitor Output          | HDMI: 1 HDMI, VGA: 1 VGA |
| Audio in                | 12 RJ-12 connector |
| Audio Out               | 1 RCA connector |
| Alarm Input/Output      | Terminal Blocks |
| Ethernet Port           | RJ-45 |
| RS485 Serial Port       | Two-connector terminal block |
| IR Port                 | 1 Remote Control |
| USB Port                | 2 (USB 2.0) |

| **STORAGE**             |                             |
| Primary Storage         | SATA hard disk drive |
| Secondary Storage       | USB flash drive |

| **GENERAL**             |                             |
| Dimensions (WxHxD)      | 11.8” x 2.4” x 9.1” (300mm x 62mm x 232mm) |
| Unit Weight             | 6.83 lbs. (3.1kg) |
| Shipping Weight         | 11.46 lbs. (5.2kg) |
| Shipping Dimensions     | 15.4” x 4.4” x 14.2” (390mm x 113mm x 360mm) |
| Operating Temperature   | 41°F to 104°F (5°C to 40°C) |
| Operating Humidity      | 0% to 90% |
| Power                   | DVR: 12V, 1.9A (Adaptor: 100-240 V~, 50/60Hz, 1.5A, 12V, 5A) |
|                         | Camera: 12V, 2.5A (Adaptor: 100-240 V~, 50/60Hz, 1.5A, 12V, 5A) |
| Power Consumption       | DVR: Max. 25W |
|                         | Camera: Max. 40W |
| Approvals               | FCC |

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<table>
<thead>
<tr>
<th><strong>RCTS30-3</strong></th>
<th><strong>Image Device</strong></th>
<th>1/3” Color Image Sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Picture Elements</strong></td>
<td></td>
<td>NTSC: 976(H)x494(V)</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td></td>
<td>700 TVL</td>
</tr>
<tr>
<td><strong>Min. Illumination</strong></td>
<td></td>
<td>0 Lux (IR On)</td>
</tr>
<tr>
<td><strong>S/N Ratio</strong></td>
<td></td>
<td>More than 48 db</td>
</tr>
<tr>
<td><strong>Electronic Shutter</strong></td>
<td></td>
<td>NTSC: 1/60S-1/100,000S</td>
</tr>
<tr>
<td><strong>Gamma</strong></td>
<td></td>
<td>0.45</td>
</tr>
<tr>
<td><strong>Sync System</strong></td>
<td></td>
<td>Internal</td>
</tr>
<tr>
<td><strong>Lens Furnished</strong></td>
<td></td>
<td>Board Lens</td>
</tr>
<tr>
<td><strong>White Balance</strong></td>
<td></td>
<td>Auto</td>
</tr>
<tr>
<td><strong>Gain Control</strong></td>
<td></td>
<td>Auto</td>
</tr>
<tr>
<td><strong>Video Output</strong></td>
<td></td>
<td>1 Vp-p/75 Ohms</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td></td>
<td>DC12V ± 10%</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td></td>
<td>90mA max.</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td></td>
<td>300mA max.</td>
</tr>
</tbody>
</table>

**Infrared Illuminator Module**

| **Infrared Luminary** | 30IR LED |
| **Illuminant Distance** | 25m     |
| **Wavelength** | 850nm |
| **Power Supply** | DC12V ± 10% |
| **Power Consumption** | 4W    |

**System Device**

| **Operating Temp.** | -10°C to 50°C (14°F to 122°F) |
| **Operating Humidity** | 0%RH~70%RH |
| **Storage Humidity** | 0%RH~85%RH |
| **Dimensions** | φ77x78(H)mm |