R165B8I-2T
Specification Sheet

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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
- 1200 TVL Indoor/Outdoor Bullet Camera with 120' Night Vision (8)
- Wired Mouse
- Remote Control
- 60' RJ12 Cables (8)
## R16DVR5

### VIDEO
- **Signal Format**: NTSC
- **Video Input**: 12 RJ-12 and 4 BNC inputs, 1 Vp-p, auto-terminating, 75 Ohms
- **Monitor Outputs**:
  - HDMI: 1 HDMI
  - VGA: 1
- **Video Resolution**:
  - HDMI: 1920x1080, 1440x900, 1280x1024
  - VGA: 1920x1080, 1440x900, 1280x1024
- **Record Speed (images per second)**: 480ips (NTSC), 400ips (PAL) @ D1 (Real-time)
- **Playback Speed (images per second)**: 480ips (NTSC), 400ips (PAL) @ CIF (Full Duplex)

### 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
- **Alarm Output**: 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></th>
<th>RCBS30-4</th>
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<tbody>
<tr>
<td>Image Device</td>
<td>1/3&quot; Color Image Sensor</td>
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<tr>
<td>Picture Elements</td>
<td>NTSC: 1280(H)x1024(V)</td>
</tr>
<tr>
<td>Resolution</td>
<td>1200 TVL</td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>0 Lux (IR On)</td>
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<tr>
<td>S/N Ratio</td>
<td>More than 48 dB</td>
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<tr>
<td>Electronic Shutter</td>
<td>NTSC: 1/60S~1/100,000S</td>
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<tr>
<td>Gamma</td>
<td>0.45</td>
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<tr>
<td>Sync System</td>
<td>Internal</td>
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<tr>
<td>Lens Furnished</td>
<td>Board Lens</td>
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<tr>
<td>White Balance</td>
<td>Auto</td>
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<tr>
<td>Gain Control</td>
<td>Auto</td>
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<tr>
<td>Video Output</td>
<td>1 Vp-p/75 Ohms</td>
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<tr>
<td>Power Supply</td>
<td>DC12V±10%</td>
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<tr>
<td>Power Consumption</td>
<td>130mA max.</td>
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<tr>
<td>Power Consumption</td>
<td>300mA max.</td>
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<tr>
<td>Infrared Illuminator Module</td>
<td>30IR LED</td>
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<td>Illuminant Distance</td>
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<td>Wavelength</td>
<td>850nm</td>
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<td>Power Supply</td>
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<td>Power Consumption</td>
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<td>System Device</td>
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<td>Operating Temp.</td>
<td>-10°C to 50°C (14°F to 122°F)</td>
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<tr>
<td>Construction</td>
<td>Aluminum Case</td>
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<td>Waterproofing Criterion</td>
<td>IP 66</td>
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<tr>
<td>Dimensions</td>
<td>455x85(H)mm</td>
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