



R165D5GB5GM21-2T
Specification Sheet



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 Bullet Camera with 100' Night Vision (5)*
- *700 TVL Indoor Dome Camera with 100' Night Vision (5)*
- *21.5" LED Monitor*
- *Wired Mouse*
- *Remote Control*
- *60' RJ12 Cables (10)*

| 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 |

Advanced. Intelligent. REVO.

www.revoamerica.com

| RCBS30-3 | |
|-----------------------------|-------------------------------|
| Image Device | 1/3" Color Image Sensor |
| Picture Elements | NTSC: 960(H) x 480 (V) |
| Resolution | 700 TVL |
| Min. Illumination | 0 Lux (IR On) |
| S/N Ratio | More than 48 dB |
| Electronic Shutter | NTSC:1/60S~1/100,000S |
| Gamma | 0.45 |
| Sync System | Internal |
| Lens Furnished | Board Lens |
| White Balance | Auto |
| Gain Control | Auto |
| Video Output | 1 Vp-p/ 75 Ohms |
| Power Supply | DC12V±10% |
| Power Consumption (Off) | 90mA max. |
| Power Consumption (On) | 300 mA max. |
| Infrared Illuminator Module | |
| Infrared Luminary | 30IR LED |
| Illuminant Distance | 31m |
| Wavelength | 850nm |
| Power Supply | DC 12V±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 | φ 55mm |

| RCDS30-3 | |
|-----------------------------|-------------------------------|
| Image Device | 1/3" Color Image Sensor |
| Picture Elements | NTSC: 976(H) x 494 (V) |
| Resolution | 700 TVL |
| Min. Illumination | 0 Lux (IR On) |
| S/N Ratio | More than 48 dB |
| Electronic Shutter | NTSC:1/60S~1/100,000S |
| Gamma | 0.45 |
| Sync System | Internal |
| Lens Furnished | Board Lens |
| White Balance | Auto |
| Gain Control | Auto |
| Video Output | 1 Vp-p/ 75 Ohms |
| Power Supply | DC12V±10% |
| Power Consumption (Off) | 90mA max. |
| Power Consumption (On) | 300 mA max. |
| Infrared Illuminator Module | |
| Infrared Luminary | 30IR LED |
| Illuminant Distance | 25m |
| Wavelength | 850nm |
| Power Supply | DC 12V±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 | φ 141x84(H)mm |

| RM215 | | | |
|-----------------------------------|------------------|--|---|
| | | 18.5 | 21.5 |
| LCD Type | Type | 18.5" Diagonal AM-TFT | 21.5" Diagonal AM-TFT |
| | Pixel pitch (mm) | 0.3(H) x 0.3 (V) | 0.248(H) x 0.248(V) |
| | Brightness | 250cd/m ² (Typical) | |
| | Contrast ratio | 1000:1 (typical) | |
| | Viewing angle | 170 ⁰ /160 ⁰ (H/V) | |
| | Response time | 5ms (Typ., on/off) | |
| Resolution (H x V) | | 1366x768 @60Hz | 1920x1080 @60Hz |
| Frequency | | Horizontal 31-64kHz Vertical 56-75Hz | Horizontal 31-80kHz Vertical 56-75Hz |
| Input Signal | | VGA (RGB-PC) | |
| | | Audio in & out | |
| Active Display Area (HxV) | | 409.8mm x 230.4mm | 476.64mm x 268.11 mm |
| Packing Dimensions (W x H x D) | | 500mm x 375mm x 125mm (19.69 x 14.76. 4.92) | 565mm x 415mm x 125mm |
| Weight | | Net 2.63KG (6.46lbs) | Net 3.5kg (7.72lbs) |
| | | Gross 4.73kg (10.14lbs) | Gross 4.6Kg (10.14) |
| Electrical Ratings | | 12VDC 1.1A | 12VDC 2.1A |