



RL161HWB4EB4EM21-2T
Specification Sheet



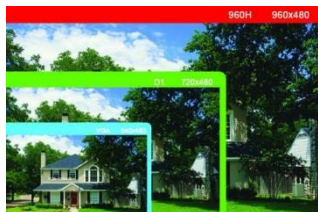
Features

- 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.
- 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.
- Equipped with 960H technology, the resolution of the system is augmented an additional 34%!
- 3.6mm lens provides wide angle view; cameras cover a wider area.
- Microphones built into our cameras enable an additional layer of surveillance: the ability to listen in on situations where others can only watch.

Contents

- *16 Ch. 2TB 960H DVR with 12 Quickconnect (RJ12) and 4 BNC Ports*
- *600 TVL Indoor/Outdoor Wireless Bullet Camera with 80' Night Vision (4)*
- *660 TVL Indoor/Outdoor Bullet Camera with 80' Night Vision (4)*
- *21.5" LED Monitor*
- *Wired Mouse*
- *Remote Control*
- *60' RJ12 Cables (8)*

Features



Super High Resolution

Ultra-high quality cameras and cutting edge 960H DVR deliver unrivaled video quality that is sure to please



Day/Night Mode

ICR technology intensifies both day and night time performance. Daytime colors appear vivid and beautiful; night vision appears bright and clear.



Remote Viewing

Monitor your cameras anywhere, anytime! In a few simple steps, REVO EZ Link instantly networks your DVR to view on your portable devices.



Instant E-Mail Notification

Motion detection is adjustable with varying sensitivities. Maximize hard drive space and receive email alerts when motion is detected.



Motion Detection

Motion detection is optimized with varying sensitivities. Maximize hard drive space and receive email alerts when motion is detected.



Customer Service

Our top priority is your satisfaction. Customer Service representatives are here to make sure you get the most out of your REVO system.

Advanced. Intelligent. REVO.
www.revoamerica.com

RL16DVR1H	
VIDEO	
Signal Format	NTSC or PAL
Video Input	12 RJ-12, 4 BNC, 1 Vp-p, auto-terminating, 75 Ohms
Monitor Outputs	HDMI: 1 VGA: 1 BNC: 1
Video Resolution	HDMI: 1920x1080 VGA: 800x600, 1024x768, 1280x1024, 1440x900, 1920x1080
Record Speed (images per second)	480fps (NTSC), 400fps (PAL) @ 960H
Playback Speed (images per second)	30fps (NTSC), 25fps (PAL)
INPUTS/OUTPUTS	
Alarm Input	16 terminal, programmable as NC or NO, 2.4V (NC) or 0.3V (NO) threshold, 5VDC
Alarm Output	1 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 Output	BNC Output: 1, Line Out
CONNECTORS	
Video Input	12 RJ-12 (12V , Max. 410mA) and 4 BNC
Monitor Output	HDMI: 1 VGA: 1 BNC: 1
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)	13.4" x 2.6" x 9.1" (340mm x 65mm x 230mm)
Operating Temperature	14°F to 122°F (-10°C to 50°C)
Operating Humidity	10% to 90%
Power	12V , 5A

RCBS30-2A	
Image Device	1/3" Color Image Sensor
Picture Elements	NTSC: 800(H) x 500 (V)
Resolution	660 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)	60mA 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)
Construction	Aluminum Case
Waterproofing Criterion	IP 66
Dimensions	φ 52 x 78 (L) mm

RCWBS30-1T	
Transmitting Frequency Range	2.400GHz~2.480GHz
TX Power	17dBm
TX Range	165ft (50m) indoor / 450ft (137m) open space
Data Rate	4096 Kb/s max
Modulation	GFSK
Spread Spectrum:	FHSS
Image Compression	MPEG 4
Image Device	1/4" Color Image Sensor
Picture Elements	NTSC: 640(H)x480(V)
Resolution	600 TVL
Min. Illumination	0 Lux (IR On)
S/N Ratio	More than 48 dB
Electronic Shutter	NTSC: 1/60S~1/62,500S
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	250mA max.
Power Consumption	400mA max.
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	Φ58.5x112(L)mm
IR Filter	Automatic IR Cut Filter Removal
Waterproofing Criterion	IP 66

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