

HRGX Performance Series DVR

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H.264 4/8/16 CHANNEL EMBEDDED DIGITAL VIDEO RECORDER

The new HRGX embedded digital video recorder is the latest in Honeywell's Performance Series lineup of feature-rich cameras and DVRs providing affordable video surveillance solutions for a wide range of everyday security applications.

Recording

- H.264 compression
- Dual stream support
- Main stream encoding at up to WD1 (960H) resolution in real time
- Channels independently configurable
- Continuous and event recording
- Watermark verification

Monitoring and Playback

- Simultaneous HDMI, VGA, and CVBS outputs
- HDMI/VGA output up to 1080p, CVBS output up to 4CIF
- Multi-channel synchronous playback
- Optional video loop out
- PTZ dome control for a wide variety of protocols
- Privacy masking (4 configurable zones)
- Alarm and device exception notifications

Storage

- SATA HDD with up to 2 TB storage capacity
- NAS (Network Attached Storage) options available
- 2 USB ports for backup to flash drive or other storage device
- Self-diagnostics, including S.M.A.R.T. disk health check

Extras

- USB mouse and remote control included
- Unlimited free licenses to remote client software (PC and Mac)
- Remote access through web browser – no software needed
- Free apps for Apple iOS and Android mobile devices
- Free DDNS service

Market Opportunities

Offering an advanced feature set at a low price, the HRGX is ideal for a wide range of surveillance applications, including small to mid-size retail outlets, apartment buildings, warehouses, and educational facilities.

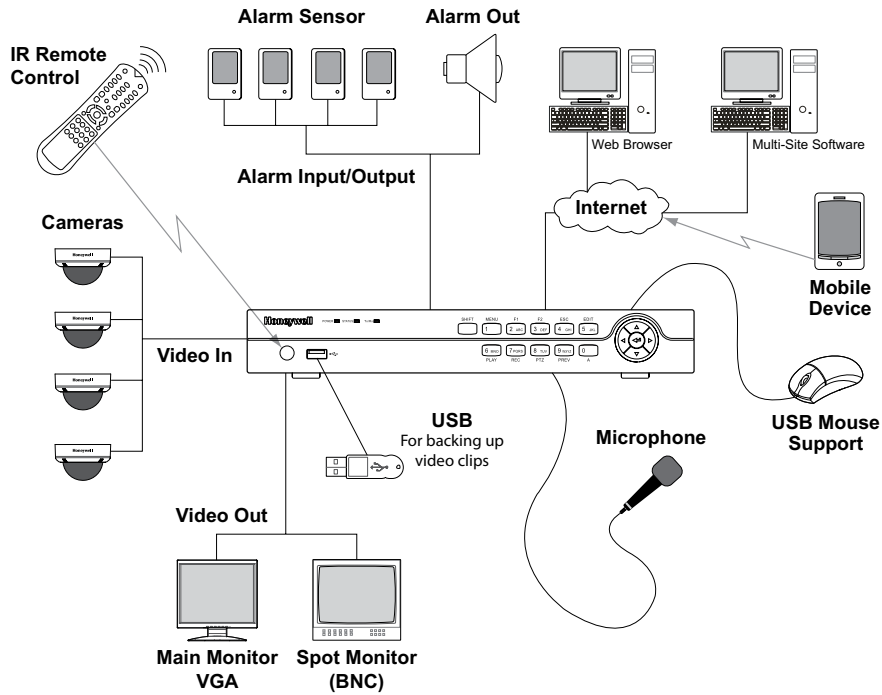


HRGX4

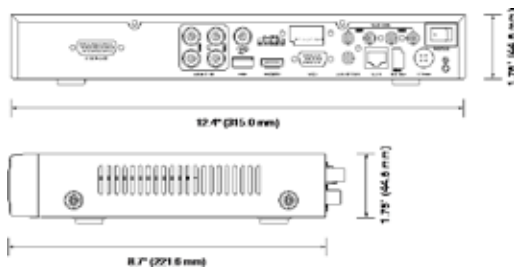
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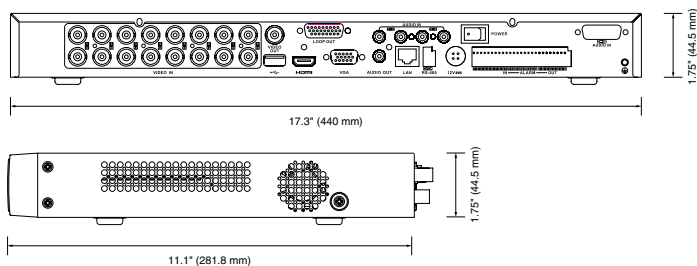
SYSTEM DIAGRAM AND DIMENSIONS



4-Channel HRGX



8/16-Channel HRGX (16-Channel Shown)



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SPECIFICATIONS

Recorder Unit		Connections	
Video Standard	NTSC/PAL	Video Inputs	4/8/16 inputs, BNC, 1.0 Vp-p, 75 ohms
HDMI/VGA Output Resolution	1920×1080 (1080p) 1280×1024 1280×720 (720p) 1024×768	Video Output	1 HDMI output 1 VGA output 1 CVBS (Main BNC) output
Main BNC Output Resolution	4CIF (704×480)	Audio Inputs	4 inputs, RCA, 2.0 Vp-p, 1 kilohm
Compression	H.264	Audio Output	1 output, RCA
Stream Type	Video, Video & Audio	Alarm Inputs	HRGX4: 4 inputs, NO/NC HRGX8: 8 inputs, NO/NC HRGX16: 16 inputs, NO/NC
Encoding Resolution	Main Stream: WD1/4CIF/2CIF/ CIF/QCIF Sub Stream: CIF/QCIF	Alarm Outputs	HRGX4: 1 relay output, NO/NC HRGX8: 4 relay outputs, NO/NC HRGX16: 4 relay outputs, NO/NC
Frame Rate	30 fps (NTSC)/25 fps (PAL)	Network	1 RJ45, 10/100M Base-T Ethernet
Bit Rate	32 Kbps to 2048 Kbps (max. 3072 Kbps)	Serial	1 RS-485 half-duplex interface
Recording Mode	Manual, Schedule (Continuous/Event), Holiday	USB	2 USB 2.0 ports
Pre/Post-Alarm Recording	Pre-alarm: Up to 30 sec Post-alarm: Up to 10 min	Electrical	
Search Mode	Instant Playback, Date & Time, Event, Tag, System Logs	Input Voltage	12 V DC
Privacy Mask	4 configurable zones	Power Consumption	HRGX4: ≤ 10 W HRGX8: ≤ 15 W HRGX16: ≤ 20 W
Event Reporting	Event recording, email and remote host notification	Mechanical	
PTZ Control	Configurable presets, patrols, and patterns; 60 PTZ protocols supported	Dimensions	HRGX4: 12.4 × 8.72 × 1.75 in. (315.0 × 221.6 × 44.5 mm) HRGX8/16: 17.3 × 11.1 × 1.75 in. (440 × 281.8 × 44.5 mm)
Motion Detection	Configurable detection area and sensitivity	Weight (not incl. HDD)	HRGX4: ≤ 4.4 lb (2 kg) HRGX8/16: ≤ 8.8 lb (4 kg)
Privacy Mask	4 configurable zones	Construction	Steel chassis, 1U, standalone (HRGX4) or rack mount (HRGX8/HRGX16)
Mobile Viewing	App for Apple iOS and Android	Environmental	
Internal Storage	SATA HDD, up to 2 TB capacity (see ordering section for details)	Operating Temperature	14°F to 131°F (-10°C to 55°C)
External Storage	USB flash drive, USB HDD, USB DVD	Relative Humidity	10% to 90%, non-condensing
Security	3 access levels (admin, operator, guest) Password protection Lockable files Watermarked video	Regulatory	
Supported Protocols	TCP/IP, DHCP, PPPoE, SMTP, DDNS, NTP, SNMP, UPnP, RTSP, NFS, iSCSI	Emissions	FCC, CE (EN 55022)
		Immunity	CE (EN 50130-4)
		Safety	CE (EN 60950-1) North America UL listed to UL/CSA 60950-1

Note: Honeywell reserves the right, without notification, to make changes in product design or specifications.

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ORDERING

Recommended Accessories	
Cameras	
HD31	Day/Night, IR Rugged Indoor/Outdoor Ball, 1/3" CCD, 620 TVL, 2.8-12 mm VFAI, 35 IR LEDs, 12 V DC
HD41	Day/Night, Indoor Minidome, 1/3" CCD, 620 TVL, 2.8-12 mm VFAI, 12 V DC
HD251	Day/Night, Rugged Indoor/Outdoor Minidome, 1/3" CCD, 620 TVL, 2.8-12 mm VFAI, 12 V DC / 24 V AC
HD262	TDN, Indoor Minidome, 1/3" CCD, 620 TVL, 2.8-12 mm VFAI, 28 IR LEDs, 12 V DC / 24 V AC
HD3HRS	Day/Night, Indoor Minidome, 1/3" CCD, 600 TVL, 2.8-12 mm VFAI, 12 V DC / 24 V AC
HD4D3S	TDN, Rugged Indoor/Outdoor Minidome, 1/3" CCD, 600 TVL, 3.3-12 mm VFAI, 12 V DC / 24 V AC
Power Supplies	
HRG4PS	Spare Adapter Power Supply 4-Channel DVR
HRG8PS	Spare Adapter Power Supply 8-Channel DVR
HRG16PS	Spare Adapter Power Supply 16-Channel DVR
Cameras	
HCSP1	Camera Surge Protector
HDSP1	PTZ Dome Surge Protector

Ordering		
4 Channel	HRGX45	4-Channel, 500 GB HDD
	HRGX41	4-Channel, 1 TB HDD
8 Channel	HRGX85	8-Channel, 500 GB HDD
	HRGX81	8-Channel, 1 TB HDD
16 Channel	HRGX161	16-Channel, 1 TB HDD
	HRGX162	16-Channel, 2 TB HDD

For more information:

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