4-Channel 1080p HQA DVRs

HRHQ1041

HD

SYSTEM	
MAIN PROCESSOR	Embedded Processor
OPERATING SYSTEM	Embedded Linux
VIDEO	
INPUTS	4-Channels BNC
HQA STANDARD	1080p/720p HQA Up-the-COAX control supported
ANALOG STANDARD	NTSC/PAL: CVBS, CVI, TVI, AHD, 960H
AUDIO	
AUDIO INPUT/OUTPUT	4/1
TWO-WAY COMMUNICATION	1 Channel Input, 1 Channel Output, RCA
DISPLAY	
INTERFACE	1 HDMI, 1 VGA
RESOLUTION	1920×1080, 1280×1024, 1280×720, 1024×768
DISPLAY SPLIT	1/4/6
OSD	Camera Title, Time, Video Loss, Camera Lock, Motion Detection, Recording
RECORDING	
COMPRESSION	H.264+, H.264
RESOLUTION	1080p, 720p, 960H, D1, HD1, BCIF, CIF, QCIF
MAIN STREAM RECORDING RATE	1080p up to 15 fps; 1080N, 720p, 960H, D1, HD1, BCIF, CIF, QCIF up to 25/30 fps (PAL/NTSC)
SECONDARY STREAM RECORDING RATE	D1, CIF, QCIF up to 25/30 fps (PAL/NTSC)
BIT RATE*	32 Kbps ~ 6144 Kbps per channel
RECORDING MODE	Manual, Schedule (Regular/Continuous), MD (Video Detection, Motion Detection, Video Loss, Tampering), Alarm, Stop
RECORDING INTERVAL	1 ~ 20 min (default: 60 min)
PRE-RECORDING INTERVAL	1 ~ 30 sec
POST-RECORDING INTERVAL	10 ~ 300 sec
VIDEO DETECTION AND ALARMS	
TRIGGER EVENTS	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer, Screen Tips
VIDEO DETECTION	Motion Detection, MD Zones: 396 (22×18), Video Loss, Face Detection*** and Camera Blank
PLAYBACK AND BACKUP	
SYNC PLAYBACK	1/4
SEARCH MODE	Time/Date, Alarm, MD and Exact Search (accurate to the second)
PLAYBACK FUNCTION	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
BACKUP MODE COMPATIBILITY	USB Device, Network

NETWORK	
ETHERNET	1 RJ-45 Port (100M)
NETWORK FUNCTION**	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (support IP camera, DVR, NVS, etc.)
MAXIMUM NUMBER OF USERS	128
MOBILE DEVICE COMPATIBILITY	iPhone, iPad, Android
STORAGE	
INTERNAL STORAGE	1 SATA Port, up to 6 TB capacity for each disk
AUXILIARY INTERFACE	
USB	2 USB Ports (1 USB 2.0, 1 USB 3.0)
RS232	N/A
RS485	1 Port, for PTZ Control
ELECTRICAL	
POWER SUPPLY	12 VDC, 2 A
POWER CONSUMPTION	<10 W (without HDD)
ENVIRONMENTAL	
OPERATING TEMPERATURE	14ºF to 131ºF (-10ºC to 55ºC)
RELATIVE HUMIDITY	0 ~ 90%, non-condensing
STORAGE TEMPERATURE	32ºF to 122ºF (0ºC to 50ºC)
PHYSICAL	
DIMENSIONS	12.8" × 10.0" × 2.2" (325 mm × 255 mm × 55 mm)
WEIGHT (WITHOUT HDD)	3.2 lb. (1.45 kg)
REGULATORY	
EMISSIONS	FCC Part 15B, CE EN55032
IMMUNITY	CE EN50130-4
SAFETY	UL60950-1; EN60950-1
ROHS	EN 50581

* Actual bit rate is scene and motion dependent with H.264 stream.

** Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

***The DVR supports the face detection function on 1 channel for HQA cameras only. If IP cameras are connected, the face detection function is disabled.

Performance Series 4-Channel 1080p HQA DVRs

RECOMMENDED ACCESSORIES

SYSTEM INTEGRATION

ONVIF support and open API software integration. Refer to www.onvif.org for the ONVIF specification and the Honeywell Open Technology Alliance website (http://www.security.honeywell.com/hota/) to learn more about our open and integrated solutions.

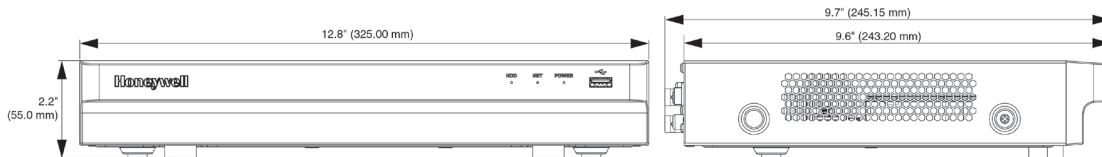| HONEYWELL PERFORMANCE SERIES HQA CAMERAS	
BOX CAMERAS	HC2HD2
BULLET CAMERAS	HB30XD2, HB41XD2, HB42XD2, HB74HD1, HB74HD2, HB75HD1, HB76HD2, HB276HD2
MINIDOME CAMERAS	HD30XD2, HD41XD2, HD42XD2, HD73HD1, HD74HD2, HD274HD2
BALL CAMERAS	HE30XD2, HE30XD2G, HE41XD2, HE42XD2, HE42XD2G, HD29HD1, HD30HD1, HD30HD2, HD31HD2, HD231HD2
HONEYWELL PERFORMANCE SERIES IP CAMERAS	
MICRO DOME CAMERAS	H2W4PRV3*, H2W2PRV3
BULLET CAMERAS	HBD2PER1, HBW4PER1*, HBW4PER2*, HBW4PR1*, HBW2PR1, HBW4PR2*, HBW2PR2
MINIDOME CAMERAS	H4W4PER2*, H4W4PER3*, H4W4PRV3*, H4W4PRV2*, H4W2PRV2
BALL CAMERAS	HED2PER3, HEW4PER3*, HEW4PR3*, HEW4PRW3*, HEW2PR1, HEW2PRW1, HEW4PR2*, HEW2PR2

* Change the video output on 4 MP cameras to 1080p before using them with HRHQ DVRs.

ORDERING

HRHQ1041	4-Channel, 1 SATA, 720p @ 120 fps, 1080p @ 60 fps, alarm 4/3 input/output, 1 TB, 12 VDC

DIMENSIONS

For more information

www.honeywell.com/security

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