# CADVR-04D / -08D / -16D

www.black.honeywell.com

## FULL D1 HIGH RESOLUTION 2U DVR

Honeywell CADVR-D is an easy-to-use 2U digital video recorder series available in 4, 8 and 16 channels. By deploying H.264 video codec and supporting full D1 resolution recording, the CADVR-D delivers high standard videos and images for different surveillance applications. The DVR gives users the ability to live view, record, search and transmit up to 4 / 8 / 16 channels of analog video sources and alarm input. It is an ideal solution to efficiently view and monitor different areas of assets.

The CADVR-D supports BNC, VGA and HDMI output, that the DVR can be connected to monitor or TV easily to display surveillance pictures and control the viewing via remote controller. Various alarm activation functions such as alarm triggered recording, short message posting and snapshot taken make the CADVR-D work flexibly with third party systems. In addition, each CADVR-D operates easily through cross network real-time monitoring, remote recording and searching, and PTZ control.

### Market Opportunities

The CADVR-D is specially designed for medium-scale surveillance installations such as retail stores, dispensaries, clinics, commercial buildings and small offices. It is compact and easy to configure and operate. Being easy to be installed like a household video recorder, the CADVR-D is ideal for making informed security and business management decisions.

### FEATURES

- 4 / 8 / 16-channel full-D1 real-time recording at 25fps / 30fps
- H.264 compression format
- Support 4 / 8 / 16-channel synchronised compression
- HDMI, VGA, BNC output
- HDMI, VGA support up to 1080P
- 8 SATA HDD capacity
- Smart video detection: motion detection, camera blank, video loss
- Support remote access – cross network video image live view, configuration, searching and PTZ control
- Optional  CADVR-CS management software for multiple DVR opeartion

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## SPECIFICATIONS

|  | CADVR-04D | CADVR-08D | CADVR-16D |
|---|---|---|---|
| **System** | | | |
| Operating System | Embedded LINUX | | |
| **Video** | | | |
| Video Input | 4-ch composite video input, 1.0VBp-p, 75Ω, BNC | 8-ch composite video input, 1.0VBp-p, 75Ω, BNC | 16-ch composite video input, 1.0VBp-p, 75Ω, BNC |
| Video Output | 1 composite video output, 1.0Vp-p, 75Ω, BNC, 1-ch VGA output, 1-ch HDMI output | | |
| Video Standard | PAL (625 line, 50f/s), NTSC (525 line, 60f/s) | | |
| Video Compression | H.264 | | |
| Record Speed | Real-time Mode: PAL 1f/s to 25f/s per channel and NTSC 1f/s to 30f/s per channel | | |
| Video Partition | 1 / 4 windows | 1 / 4 / 8 / 9 windows | 1 / 4 / 8 / 9 / 16 windows |
| Resolution (PAL / NTSC) | Real-time monitor: D1 – 704×576 / 704×480 | | |
|  | Playback | | |
|  | D1 – 704 x 576 / 704 x 480; CIF – 352 x 288 / 352 x 240; QCIF – 176 x 144 / 176 x 120 | | |
|  | Extra stream | | |
|  | CIF – 352 x 288 / 352 x 240; QCIF – 176 x 144 / 176 x 120 | | |
| Image Quality | 1 - 6 level image quality (Adjustable) | | |
| Privacy mask | Support 4 customised privacy masking zones | | |
| Channel Lock | Camera lock by authorized users | | |
| **Audio** | | | |
| Audio Input | 4 line in | 8 line in | 16 line in |
| Audio Output | 1 line out | | |
| Audio Compression | G.711A | | |
| **Alarm** | | | |
| Alarm Input | 4 alarm inputs, NO / NC | 8 alarm inputs, NO / NC | 16 alarm inputs, NO / NO |
| Alarm Output | 6-channel relay output, including one controllable DC +12V output port | | |
| Alarm Relay | 30V DC, 2A; 125V AC  1A (activation alarm) | | |
| Motion Detection | Up to 396 (PAL 22x18, NTSC 22 x 15) detection zones.Sensitivity: 1 - 6 level adjustment | | |
| Video Loss | Trigger recording, PTZ control, alarm output, email | | |
| **Recording** | | | |
| Recording Mode | Manual, motion detection, schedule and alarm recording<br>Priority: Manual > alarm > motion detection > schedule | | |
| Pre-Alarm Recording | 1 to 120 minutes (default 60 minutes) | | |
| Overwrite Mode | Yes | | |
| **Playback** | | | |
| Playback Mode | Forward, reverse, fast, slow, playback | | |
| Multi-channel Playback | 1 / 4 | 1 / 4 / 8 | 1 / 4 / 8 / 16 |
| Search Mode | Date, time, event | | |
| Partial Enlargement Digital Zoom | Selected zone can zoom in to full screen during playback | | |

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## SPECIFICATIONS

| Storage | |
|---|---|
| Hard Disk | Upto 8 SATA harddisk |
| External Backup | eSATA, USB, CD-RW or DVD-RW, network |
| **Network Function** | |
| Protocol Support | TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP |
| **Interface** | |
| USB | 3 x USB 2.0 ports |
| Network | RJ45 (10M / 100M / 1000M) self-adaptable Ethernet port |
| RS485 | PTZ control |
| Serial Interface | RS-232 port |
| **General Parameter** | |
| Power Input | AC90 ~ 264V  50+2% Hz (Max 75W) |
| Power Consumption | 25W (Exclude HDD) |
| Operation Temperature | 0°C - 55°C |
| Relative Humidity | 10% - 90% (non-condensing) |
| Dimension | 2U  440 (W) x 460 (D) x 89 (H) mm |
| Weight | 6.5 - 7.5kg (Exclude HDD) |
| Installation Mode | Desktop / rack |
| Certificate | CE, FCC |

## PACKAGE

| Qty | Components |
|---|---|
| 1 | CADVR-04D / CADVR-08D / CADVR-16D Digital Video Recorder |
| 1 | USB Mouse |
| 1 | Network Cable |
| 8 | SATA Data Cable |
| 2 | User Manual |
| 2 | Power Cord |
| 1 | Remote Controller |
| 1 | HDMI Cable |
| 1 | CD |
| 1 | BNC Connecter |
| 2 | Bracket of CD Driver |
| 2 | Bracket of the case |

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### DIMENSIONS
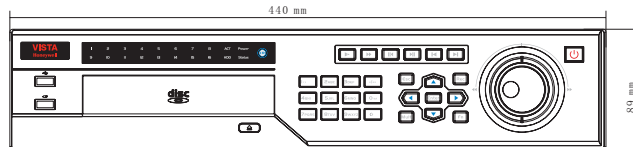


### SYSTEM DIAGRAM
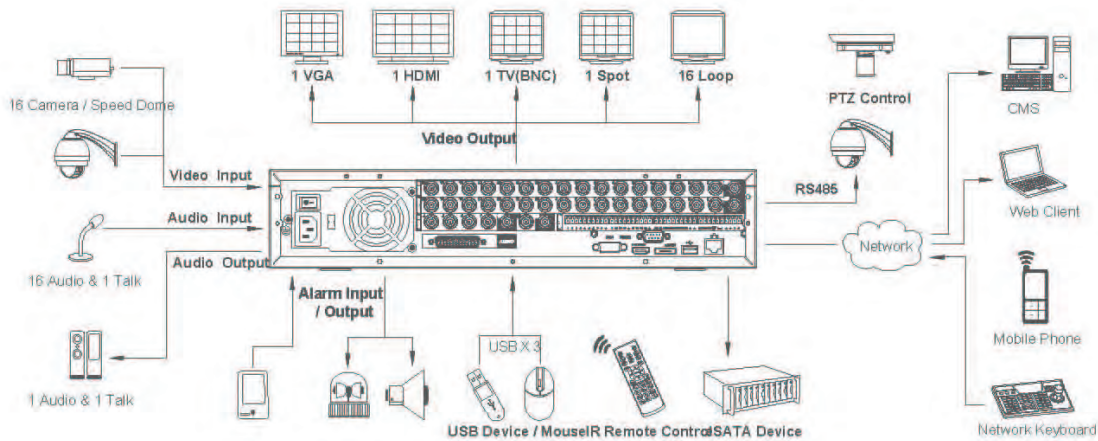


### ORDERING

| | |
|---|---|
| CADVR-04D | 4-Channel Full-D1 2U DVR |
| CADVR-08D | 8-Channel Full-D1 2U DVR |
| CADVR-16D | 16-Channel Full-D1 2U DVR |

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