

AR336-16/A

TURBO ACUSENSE DVR

Key Feature

- Deep learning-based motion detection 2.0 for all analog channels
- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTVI/AHD/CVI/ CVBS/IP video inputs
- Audio via coaxial cable
- Up to 16/32-ch IP camera inputs (up to 8 MP)
- Up to 10 TB capacity per HDD



Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Recording at up to 8 MP resolution

Storage and Playback

- 2 SATA interfaces
- Smart search for efficient playback
- Support the third party cloud storage

Smart Function

- Deep learning-based motion detection, and perimeter protection (line crossing and intrusion detection)
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

Network & Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

AR336-16/A

TURBO ACUSENSE DVR

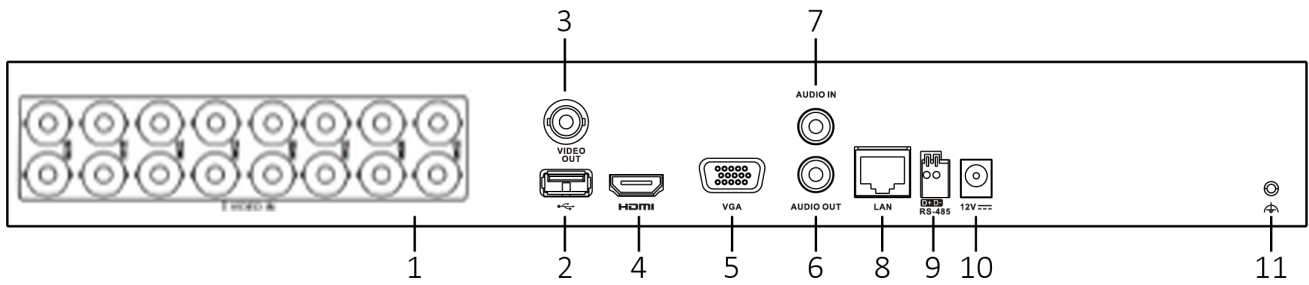
Specification

| | |
|---|--|
| Model | AR336-16/A |
| Motion Detection 2.0¹ | |
| Human/Vehicle Analysis | Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported; |
| Perimeter Protection¹ | |
| Human/Vehicle Analysis | Up to 4-ch |
| Recording | |
| Video compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 |
| Encoding resolution | Main stream: 8 MP@8 fps/5 MP@12 fps/3K@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) |
| | Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N) |
| Video bit rate | 32 Kbps to 10 Mbps |
| Dual stream | Support |
| Stream type | Video, Video & Audio |
| Audio compression | G.711u |
| Audio bit rate | 64 Kbps |
| Video and Audio | |
| IP video input² | 8-ch (up to 24-ch) |
| | Enhanced IP mode on: 16-ch (up to 32-ch), each up to 4 Mbps |
| | Up to 8 MP resolution |
| | Support H.265+/H.265/H.264+/H.264 IP cameras |
| Analog video input | 16-ch |
| | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection |
| HDTVI input | 8 MP@15 fps, 5 MP@20 fps, 3K@20 fps, 4 MP@30 fps, 4 MP@25 fps, 3 MP@18 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps |
| AHD input | 5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps |
| HDCVI input | 5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps |
| CVBS input | PAL/NTSC |
| CVBS output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 |
| VGA output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| HDMI output | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, |

| | |
|----------------------------------|---|
| | 1024 × 768/60Hz |
| Video output mode | HDMI/VGA simultaneous output |
| Audio input³ | √p-p, 1 |
| | 16-ch via coaxial cable |
| Audio output | 1-ch, RCA (Linear, 1 KΩ) |
| Two-way audio | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input) |
| Synchronous playback | 16-ch |
| Network | |
| Remote connection | 128 |
| Network protocol | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |
| Network interface | 1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface |
| Wi-Fi | Connectable to Wi-Fi network by Wi-Fi dongle through USB interface |
| Auxiliary interface | |
| SATA | 2 SATA interfaces |
| Capacity | Up to 10 TB capacity for each disk |
| Serial interface | RS-485 (half-duplex) |
| USB interface | Front panel: 1 × USB 2.0 |
| | Rear panel: 1 × USB 3.0 |
| Alarm in/out³ | N/A (optional to support) |
| General | |
| Power supply | |
| Consumption (without HDD) | ≤ 19 W |
| Working temperature | -10 °C to +55 °C (+14 °F to +131 °F) |
| Working humidity | 10% to 90% |
| Dimension (W × D × H) | 380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch) |
| Weight (without HDD) | ≤ 2.1 kg (4.6 lb) |

Note:

- 1: Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.
- 2: Enhanced IP mode might be conflicted with smart events (motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.
- 3: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.



Physical Interface

| No. | Description | No. | Description |
|-----|--------------------------|-----|-------------------------|
| 1 | VIDEO IN | 7 | AUDIO IN, RCA connector |
| 2 | USB interface | 8 | LAN network interface |
| 3 | VIDEO OUT | 9 | RS-485 serial interface |
| 4 | HDMI input | 10 | 12VDC power input |
| 5 | VGA interface | 11 | GND |
| 6 | AUDIO OUT, RCA connector | | |

Available Model

AR336-8/A, AR336-16/A