



# 16CH Artificial Intelligence 5MP H.265 PoE NVR

## Features

- Built-in face recognition & smart searching functions
- 16-channel real time recording up to 5MP
- Black / white list control
- H.265, H.264 dual-stream recording
- 8 PoE ports dedicated for IP camera connection
- Automatic network replenishment (ANR)
- Watermark verification
- IP filtering for enhanced security
- DDNS, P2P for Internet connectivity
- Embedded Linux ensuring reliable operations



## Dimensions



## Specifications

| Model                         | TW-32116  |
|-------------------------------|---|
| <b>VIDEO</b>                  |   |
| Compatibility                 | WAMA & ONVIF (Profile S) IP cameras                                     |
| Input                         | 16CH with 8 dedicated PoE ports (IEEE 802.3af)                          |
| Resolution                    | 2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 960x576            |
| Output                        | 1 x HDMI (up to 1920x1080)<br>1 x VGA (up to 1920x1080)                 |
| Compression                   | H.265 / H.264   |
| Bit Rate                      | 16kbps – 8000Kbps   |
| Display                       | 1/4/6/8/9/16  |
| <b>AUDIO</b>                  |   |
| Input                         | 1 + IPC audio in  |
| Output                        | 1   |
| Compression                   | G.711u  |
| <b>RECORDING AND PLAYBACK</b> |   |
| Max. Frame Rate               | 25/30fps  |
| HDD                           | 2 x 3.5" SATA   |
| Recording Mode                | Manual, event driven, schedule  |
| Simultaneous Playback         | 9 channels  |
| Searching Mode                | Advanced timeline, channel, event, past moment                          |
| Playback Mode                 | Normal, fast FWD/BWD, slow FWD/BWD, 30-sec step, frame-by-frame         |
| Snapshot                      | JPEG format   |
| Back-up                       | Network, USB  |
| <b>FACE RECOGNITION</b>       |   |
| Face Recognition Channel      | Up to 4 face recognition IP cameras                                     |
| Capacity                      | 3000 faces  |
| Smart Searching Mode          | Face occurrence, white/black list, external photo                       |
| <b>EVENT</b>                  |   |
| Event Type                    | External alarm, video motion detection, face recognition                |
| Action Type                   | Dial-back, relay switch control, email notification, buzzer             |
| External Alarm Input          | 4 + IPC alarm in  |
| Relay Output                  | 1   |
| <b>COMMUNICATION</b>          |   |
| Network                       | RJ-45, 1000 base-T  |
| Protocol                      | TCP/IP, HTTP, HTTPS, DDNS, SMTP (SSL), DHCP, PPPoE, UPNP, NTP, P2P, FTP |
| Concurrent Connection         | 4   |
| <b>MISCELLANEOUS</b>          |   |
| Operating Environment         | -10°C ~ 55°C / 90% relative humidity (no condensation)                  |
| Power Supply                  | DC48V/3A, 10W (excluding HDD, IPC)                                      |
| Dimension (mm)                | 360 (W) x 242 (D) x 48 (H)  |
| Weight                        | 2 kg (excluding HDD)  |

