

# PENDVR-SBE16M

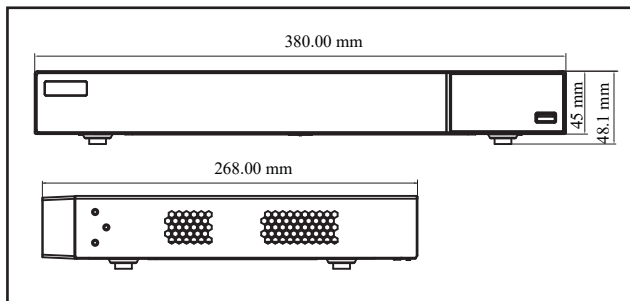
## 1U 1080P 16 Channel NVR



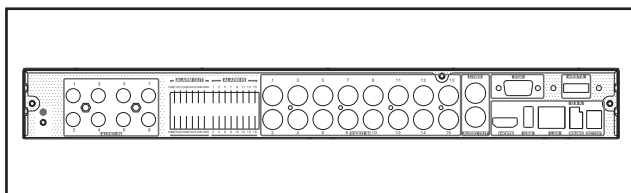
### Characteristics

- Supports 16 CH TVI / AHD / CVI 5MP / 4MP / 1080P / 720P / WD1 video input
- Supports 8 CH 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video input
- Standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface ( GUI ), window style operation by mouse
- Multi-mode recording: manual / timed / motion/AI recording  
Playback : 16 CH simultaneously playback
- Search: time slice, time, event, tag and smart search
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Support remote network transmission and remote surveillance with mobile device
- Authorization management, log review and device status review
- 1080P output, true high resolution display
- Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Supports NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

### Dimensions



### Rear Panel



### Specifications

| PENDVR-SBE16M            |                      |                                                                                                                                                                                   |
|--------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System                   | OS                   | Embedded Linux                                                                                                                                                                    |
| Video                    | Analog Video Input   | BNC × 16                                                                                                                                                                          |
|                          |                      | BNC interface (1.0Vp-p; 75Ω)                                                                                                                                                      |
|                          |                      | TVI/AHD/CVI : 5MP/4MP/1080P/720P/WD1 (live)                                                                                                                                       |
|                          | IP Video Input       | 8CH                                                                                                                                                                               |
|                          |                      | Up to 5MP@30fps                                                                                                                                                                   |
|                          | Total Input          | 24CH                                                                                                                                                                              |
| Audio                    | Output               | HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768<br>VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768<br>BNC × 1 : CVBS ( used as the main or spot output )                       |
|                          |                      | Compression H.264/H.265                                                                                                                                                           |
|                          | Multi-screen Display | 1/4/6/8/9/13/16/25                                                                                                                                                                |
|                          | Input                | RCA × 8                                                                                                                                                                           |
|                          |                      | Output RCA × 1 (linear, 600Ω)                                                                                                                                                     |
|                          | Two-way audio        | Take up channel one audio input                                                                                                                                                   |
| Record                   | Compression          | G.711(U/A)                                                                                                                                                                        |
|                          | Resolution           | 5MP/Lite/4MP/Lite/1080P/1080P/Lite/720P/WD1                                                                                                                                       |
|                          | Frame Rate           | Analog Channel:<br>5MP/Lite@10fps (PAL/NTSC)<br>4MP/Lite/1080P@12fps (PAL)/15fps (NTSC)<br>1080P/Lite/720P/WD1/D@25fps (PAL)/30fps (NTSC)<br>IP Channel: 25fps (PAL)/30fps (NTSC) |
|                          | Bit Rate             | 32Kbps ~ 5Mbps                                                                                                                                                                    |
|                          | Mode                 | Manual, timer, motion, smart event                                                                                                                                                |
|                          | Playback             | 16CH                                                                                                                                                                              |
| Playback                 | Search               | Time slice / time / event / tag search                                                                                                                                            |
|                          | Smart Search         | Highlight colors to display the camera record in a certain period of time, different colors refer to different record events                                                      |
|                          | Function             | Play, pause, FF, FB, digital zoom, etc.                                                                                                                                           |
|                          | Alarm                |                                                                                                                                                                                   |
| Alarm                    | Mode                 | Manual, motion, exception, smart event                                                                                                                                            |
|                          | Input                | 16CH                                                                                                                                                                              |
|                          | Output               | 4CH                                                                                                                                                                               |
| Network                  | Interface            | RJ 45 1000Mbps × 1                                                                                                                                                                |
|                          | Protocol             | TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP                                                                                                                      |
|                          | Incoming Bandwidth   | 32Mbps                                                                                                                                                                            |
|                          | Outgoing Bandwidth   | 96Mbps                                                                                                                                                                            |
|                          | Client Connection    | Max. 10 users access                                                                                                                                                              |
| Mobile Device            | OS                   | iOS, Android                                                                                                                                                                      |
| Storage                  | HDD                  | SATA × 2, up to 10TB per HDD; E-SATA × 1                                                                                                                                          |
| Backup                   | Local Backup         | U disk, USB mobile HDD                                                                                                                                                            |
|                          | Network Backup       | Yes                                                                                                                                                                               |
| Port                     | RS 485               | Yes (half-duplex), connect to PTZ or keyboard                                                                                                                                     |
|                          | USB                  | USB 2.0 × 1; USB 3.0 × 1                                                                                                                                                          |
|                          | Remote Controller    | Optional                                                                                                                                                                          |
| Others                   | Power Supply         | DC12V/4A                                                                                                                                                                          |
|                          | Consumption          | ≤ 15W ( without HDD )                                                                                                                                                             |
|                          | Dimensions(mm)       | 380 × 268 × 45 ( W × D × H )                                                                                                                                                      |
|                          | Working Environment  | -10~50°C, 10%~90% (humidity)                                                                                                                                                      |
|                          | Certificate          | CE, FCC                                                                                                                                                                           |
| Environmental Protection |                      | Directive EU RoHS, WEEE, REACH                                                                                                                                                    |