ERBU

E-N-04-1 PLUS

4 Channels 1U 1HDD Network Video Recorder
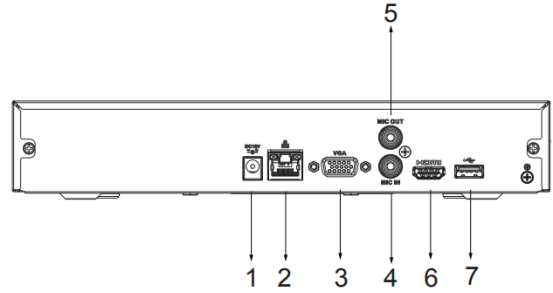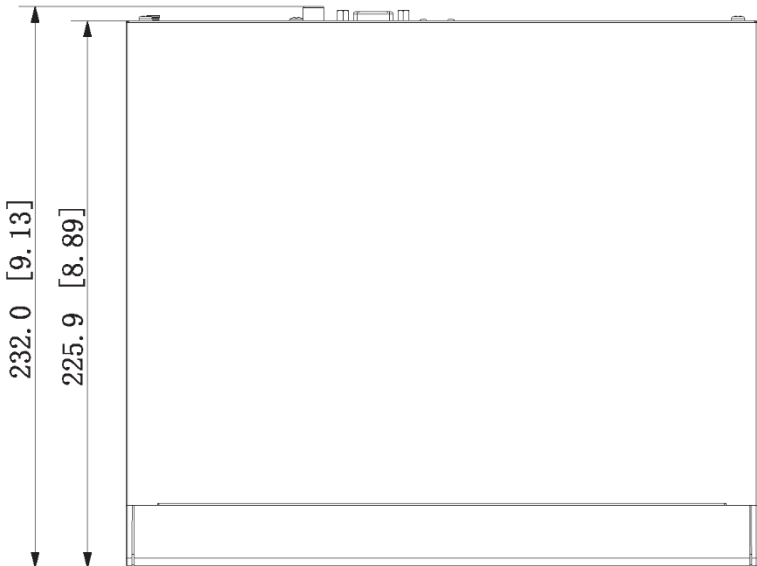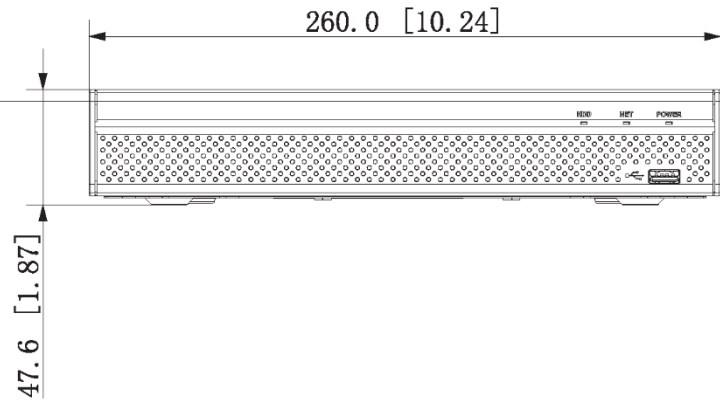
1	DC 12V Power Input	2	Network Port
3	VGA Port	4	AUDIO IN, RCA Connector
5	AUDIO OUT, RCA Connector	6	HDMI Port
7	USB Port		

Dimensions mm (inch)

Technical Specification

System

Main Processor	Industrial-grade processor
Operating System	Embedded Linux
Operating Interface	Web, Local GUI

Perimeter Protection by Camera

Performance	4 channels
AI Search	Search for pictures by channel, time and event type

Face Detection by Camera

Performance	4 channels
Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask, and beard
AI Search	Search for pictures by channel, time and face attributes

SMD Plus by Camera

Performance	4 channels
AI Search	Search by target classification (human, vehicle)

Video

Access Channel	4 channels
Network Bandwidth	Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps
Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1
Decoding Capability	8 × 1080p@30 fps
Video Output	1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI
Multi-screen Display	1, 4 views
Third-party Camera Access	ONVIF; RTSP

Compression Standard

Video Compression	Smart H.265/H.265/ Smart H.264/ H.264/ MJPEG
Audio Compression	PCM/G711A/G711U/G726/AAC

Network

Network Protocol	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register
Mobile Phone Access	Android; iOS
Interoperability	ONVIF (profile T/S/G); CGI; SDK
Browser	Chrome; IE 9 or later; Firefox

Recording Playback

Multi-channel Playback	Up to 4 channels
Record Mode	Manual record; alarm recording; SMD recording; smart recording
Storage Method	Local HDD and network
Backup Method	USB device
Playback Function	1. Play/pause/stop/slow/quick/backward/by frame 2. Full screen, backup (video clip/file), partial zoom in, and audio on/off

Storage

Disk Group	Yes

Alarm

General Alarm	Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm
Anomaly Alarm	Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cybersecurity exception
Intelligent Alarm	Face detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarms
Alarm Linkage	Recording, snapshot, audio, buzzer, log, preset, and email

Port

Audio Input	1 × RCA input
Audio Output	1 × RCA output
HDD Interface	1 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature
USB	2 (1 × front USB2.0; 1 × back USB2.0)
HDMI	1 (supports up to 4K resolution output)
VGA	1
Network Port	1 × RJ-45, 10/100 Mbps self-adaptive Ethernet port

General

Power Supply	12 VDC, 2A
Power Consumption	< 10 W (HDD not included, idling)
Net Weight	0.81 kg
Gross Weight	1.41 kg
Product Dimensions	260 mm × 232.5 mm × 50.3 mm (W × L × H)
Packaging Dimensions	89 mm × 333 mm × 315 mm (W × L × H)
Operating Temperature	–10 °C to +55 °C
Storage Conditions	0 °C to +40 °C
Operating Humidity	10%–93% (RH)
Storage Humidity	30%~85%
Operating Altitude	3000 m
Installation	Desktop mounted
Certifications	CE: EN62368-1; EN55032,EN55024, EN55035, EN61000-3-2, EN61000-3-3 EN50130-4 FCC: Part 15 Subpart B