Watch*NET* BLZ
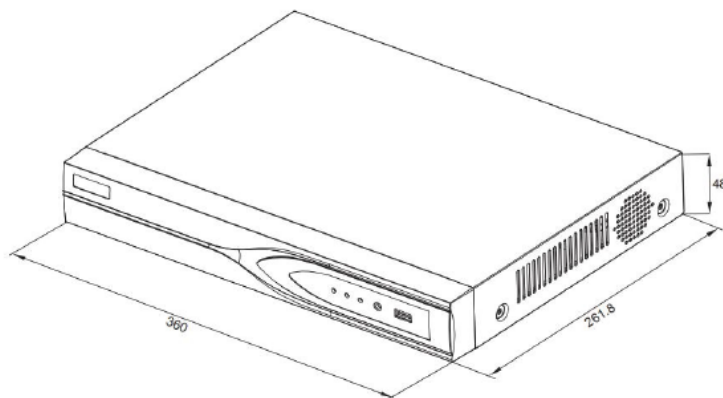
BLZ-EN16POE

16 Channel 2 HDD 16 PoE 4K NVR

KEY FEATURES:

- Max. Incoming Bandwidth: **256 Mbps**
- Supports up to **16 channels of 8MP IP camera** input
- Decoding Capability: **16-channel 1080P** decoding
- **4K HDMI Output:** Supports 4K resolution for clear video output
- **Playback:** Up to 16 channels for simultaneous playback
- **PoE Ports:** 16 PoE (Power over Ethernet) ports for camera connections
- **P2P and App Alarm Push:** Supports Peer-to-Peer (P2P) connections and push notifications through the app
- **AI Search:** Smart search functionality for efficient video review
- **AI Features by Camera:**
    - Face Detection
    - Intrusion Detection
    - Tripwire Detection (with human, vehicle, and non-mo
    - Object Detection
    - Smart Motion Detection

NVR SPECIFICATIONS

Operating System	Embedded Linux
Operating Interface	Web/operating in local GUI

AI FUNCTION - CAMERA

AI Motion	16 channels
Object Detection	16 channels
Face Detection	16 channels
Fenced Area Protection	16 channels

AI FUNCTION - NVR

AI Motion	4 channels
Face Detection	2 channels
Fenced Area Protection	2 channels

AUDIO AND VIDEO

Incoming bandwidth	256Mbps
Output bandwidth	256Mbps
IPC Input	16 channels
VGA	1920×1080,1280×1024,1280×720,1024×768
HDMI	3840×2160,1920×1080,1280×1024,1280×720,1024×768
Audio Output	1 channel, RCA(Line out,2Vp-p,300ohms)
Audio Compression	G.711A
Audio Bit Rate	64Kbps
IP channel Resolution	Up to 3840×2160
Video decoding	H.265（Main Profile@L5.0 High-tie）/H.264 Up to High Profile@Level5.0）
Audio decoding	G.711A,G711U,G726
Synchronous Playback	16 channels
Decoding Ability	16 channels 1080P@30FPS/1CH 4K@30FPS
Synchronous Preview	16
Multi-screen Display	1, 4, 8, 9, 16 views
Alarm Linkage	Record; Snapshot; Buzzer; Log; Preset; Email
Two-way Audio	Yes
Picture Capture	Support JPEG Capture

RECORDING PLAYBACK

Record Mode	Manual; Schedule (general; MD; alarm; intelligent)
AI Search	Search by target classification (human, vehicle, non-motor vehicle)
Backup Method	USB device
Playback Mode	Play; pause; stop; fast forward; fast backward; rewind; play by frame & Full screen; backup (cut/file) ; partially enlarge; audio on/off

NETWORK

Network Protocol	HTTP; TCP/IP; IPv4; UPnP; SNMP; RTSP;UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; P2P; Auto register
Mobile Phone Access	IOS; Android
Interoperability	ONVIF; SDK
Browser	IE8 or later
Management Software	eVMS-BLZ

PORTS

HDMI	1
VGA	1
SATA	2
ESATA	0
Max Capacity	14 TB
PoE Ports	16
Network Interface	1 RJ45 100M
CVBS	0
USB	2 USB 2.0 (on back panel)，1 USB 3.0 (On front)
RCA Input	1
RCA Output	1
Alarm Input	0
Alarm Output	0
RS-232	0
RS-485	0

GENERAL

Front Panel	JS
Packing	405x365x123mm
Dimensions	60x311.5x48mm
Weight	3Kg（No HDD）
Installation	Desktop Installation
Power Supply	AC110V~220V±10% 47Hz ~ 63Hz
Working Temperature	–10 °C to +55 °C (14 °F to +131 °F)
Working Humidity	10%–90% (RH)
Consumption	20W (without HDD, without POE)
Certifications	CE/FCC