Watch**NET** **BLZ**

COMPLIANT NDAA

CE FC

BLZ-EN64AI

64 Channel 8 HDD Ultra AI 4K NVR

WDR | Line Crossing | PoE | [face tracking icon] | IR | Tracking

KEY FEATURES:

- **Max. Incoming Bandwidth:** 384 Mbps
- **IP Camera Input:** Supports up to 64 channels of 8MP IP cameras
- **Decoding Capability:** 32-channel 1080P decoding with adaptive decoding support
- **Video Output:** 4K HDMI output for ultra-high-definition display
- **Playback:** Supports up to 16 channels for simultaneous playback
- **P2P and App Alarm Push:** Supports Peer-to-Peer connectivity and real-time mobile notifications
- **AI Features by Camera:**
  - Face Detection
  - Perimeter Protection
  - Video Metadata
  - Smart Motion Detection (SMD)
- **AI Features by NVR:**
  - Face Detection
  - Face Recognition
  - Perimeter Protection
  - Smart Motion Detection (SMD)
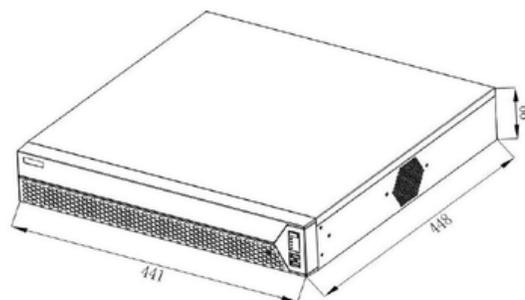
NVR SPECIFICATIONS

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

AUDIO AND VIDEO

Max bandwidth	384Mbps
IPC Input	64 channels
VGA	1920×1080,1280×1024,1280×720
HDMI	3840×2160,1920×1080,1280×1024,1280×720
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	32CH 1080P@30FPS/8CH 4K@30FPS
Synchronous Preview	32
Multi-screen Display	1, 4, 8, 9, 16, 25, 32 views
Alarm Linkage	Record; Snapshot; Buzzer; Log; Preset; Email
Two-way Audio / Talk	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	IE; Edge; Google; Firefox
Management Software	eVMS-BLZ

AI FUNCTION - CAMERA

AI Motion	64 channels
Object Detection	64 channels
Face Detection	64 channels
Fenced Area Protection	64 channels

AI FUNCTION - NVR

Fenced Area Protection	4 channels
Face Recognition	2 channels
Face Detection	4 channels
AI Motion	8 channels

PORTS

HDMI	2
VGA	1
SATA	8
ESATA	1
Max Capacity	16 TB
PoE Ports	0
Network Interface	2 RJ-45(10/100/1000 Mbps)
CVBS	0
USB	2 USB 2.0 (on back panel)，2 USB 2.0+1 USB 3.0 (On front)
RCA Input	1
RCA Output	2
Alarm Input	16
Alarm Output	8
RS-232	1
RS-485	1
Reset	1

GENERAL

Front Panel	CU
Packing	520x520x215mm
Dimensions	2U 441x448x88mm
Weight	7Kg（No HDD）
Installation	Rack or 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)
Certifications	CE/FCC

WatchNET

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