

Network Video Recorder

NVR501-B-LP Series



Key Features

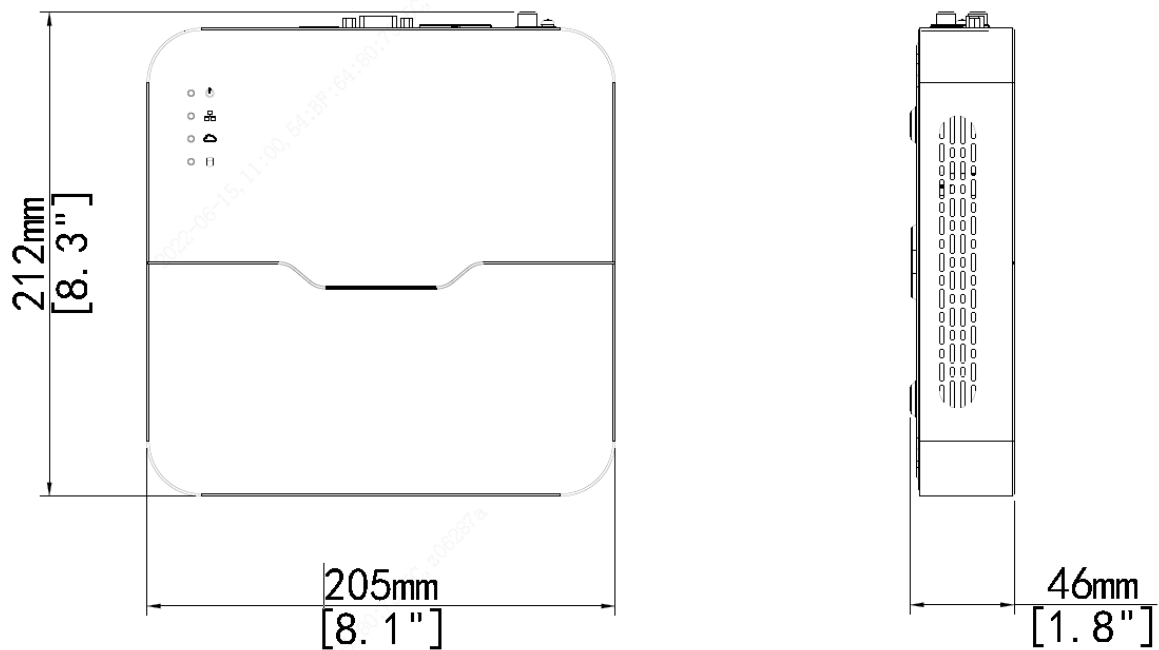
- Support Ultra265/H.265/H.264 video formats
- 4/8-channel input
- Plug & Play with 4/8 independent PoE network interfaces
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support HDMI and VGA simultaneous output
- Up to 8 Megapixels resolution recording
- 1 SATA HDDs, up to 6TB for each HDD
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

Specifications

Model	NVR501-04B-LP4		NVR501-08B-LP8	
Video/Audio Input				
IP Video Input	4-ch		8-ch	
Audio Input	1-ch, RCA			
Network				
Incoming Bandwidth	80Mbps			
Outgoing Bandwidth	64Mbps			
Remote Users	128			
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP			
Browser	IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows			
Video/Audio Output				
HDMI/VGA Output	HDMI: 4K (3840x2160)@30, 1920x1080p@60, 1920x1080p@50, 1600x1200@60, 1280x1024@60, 1280x720@60, 1024x768@60 VGA: 1920x1080p@60, 1920x1080p@50, 1280x1024@60, 1600x1200@60, 1280x720@60, 1024x768@60			
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF			
Audio Output	1-ch, RCA			
Two-way Audio	1-ch, RCA(Using the audio input and output)			
Audio Compression	G.711A, G.711U			
Synchronous Playback	4-ch		8-ch	
Liveview display	1/4		1/4/6/8/9	
Corridor Mode Screen	3/4		3/4/5/7/9	
Snapshot				
FTP/Schedule/Event Snapshot	4-ch snapshot, up to D1 resolution			
Decoding				
Decoding format	Ultra 265/H.265/H.264			
Live view/Playback	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF			
Capability	Ultra 265/H.265: 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 9 x 4MP@25, 10 x 3MP@30, 16 x 1080p@30 H.264: 3 x 4K@30, 5 x 5MP@30, 7 x 4MP@30, 8 x 4MP@25, 9 x 3MP@30, 14 x 1080p@30			
Hard Disk				
SATA	1 SATA interfaces			
Capacity	Up to 6TB for each disk			
Smart				
VCA Detection by Camera	Face Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, SMD(Smart Motion Detection)			
VCA Search	Face Search, Behavior Search, People Counting Report			
People counting	People Flow Counting, Crowd Density Monitoring			

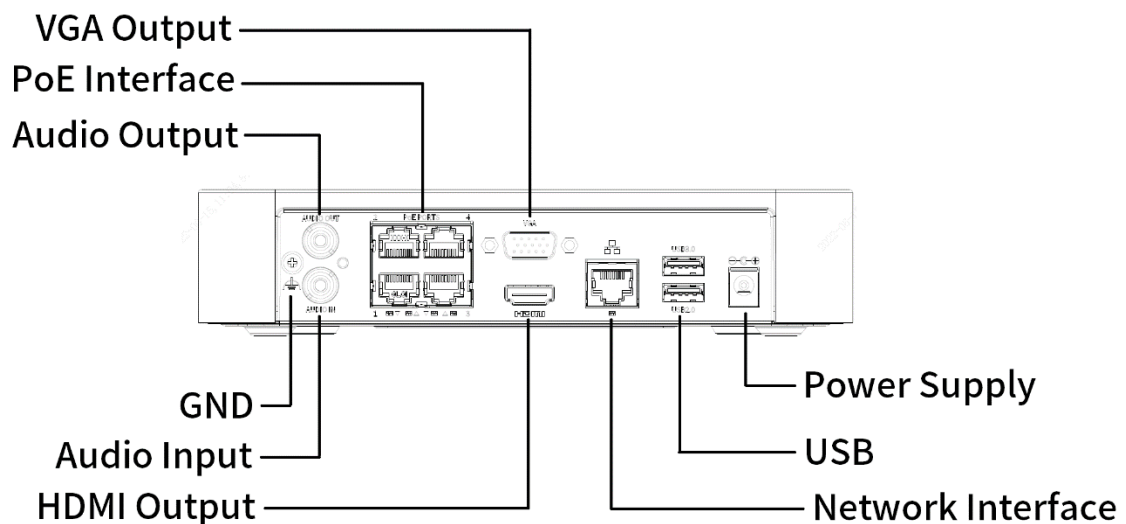
Smart Intrusion Prevention (SIP), Face Detection, SMD by Camera	Total 4-ch	
General Alarm		
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection	
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal	
External Interface		
Network Interface	1 RJ-45 10M/100M self-adaptive Ethernet Interface	
USB Interface	Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0	
RS232	NA	
RS485	NA	
Alarm In	NA	
Alarm Out	NA	
PoE		
Interface	4 RJ-45 10M/100M self-adaptive Ethernet Interface	8 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 50W in total	Max 30W for single port Max 75W in total
Supported Standard	IEEE 802.3af/at	
General		
Power Supply	48V DC/1.35A Power Consumption: ≤ 10W (without HDD)	52V DC/1.8A Power Consumption: ≤ 10W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)	
Dimensions (W×D×H)	205mm × 212mm × 46mm (8.1" × 8.3" × 1.8")	
Weight (without HDD)	≤ 0.98Kg (2.16lb)	
Certification		
Certification	CE, FCC, UL, RoHS, WEEE	
CE	EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017	
FCC	Part15 Subpart B, ANSI C63.4	

Dimensions



Rear Panel

Take **NVR501-04B-LP4** for example



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6MP HD Intelligent LightHunter IR Fixed Eyeball Network Camera

IPC3616SB-ADF28KM-I0



Key Features



- High quality image with 6MP,1/2.7" CMOS sensor
- 6MP(3072*2048)@25/20fps; 4MP (2560*1440)@30/25fps; 3MP(2304*1296) @30/25fps; 2MP (1920*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Triple streams offer more choices for different clients in an integrated solution
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Face capture, automatic selection of best snapshots, support face detection masked area
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Built-in Mic
- Support 256 GB Micro SD card
- DC12V or PoE(IEEE 802.3af) power supply

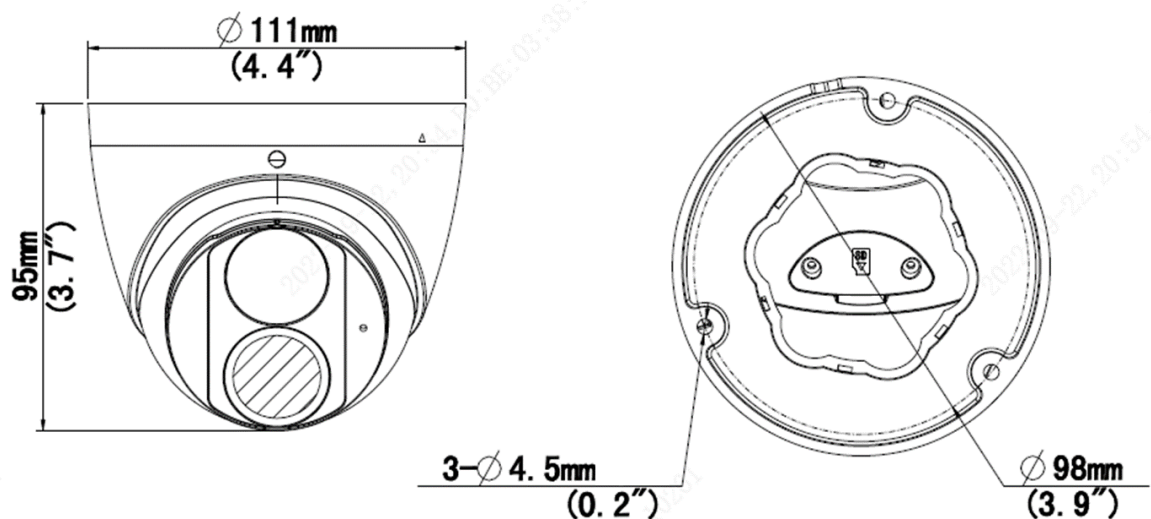
Specifications

		IPC3616SB-ADF28KM-I0			
Camera					
Sensor	1/2.7", 6.0 megapixel, progressive scan, CMOS				
Min. Illumination	Colour:0.0025lux (F1.6, AGC ON) 0 lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment angle	Pan: 0°~360°		Tilt: 0°~80°		Rotate: 0°~360°
WDR	120dB				
S/N	>52dB				
Lens					
Lens type	2.8mm@F1.6				
Iris	Fixed				
Field of View (H)	101.34°				
Field of View (V)	54.46°				
Field of View (D)	119.72°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63(206.7ft)	25.2(82.7ft)	12.6(41.3ft)	6.3(20.7ft)
Illuminator					
IR Range	Up to 30m (98.4 ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 6MP (3072*2048),Max 25fps; 4MP(2560*1440) ,Max 30fps; 3MP(2304*1296), Max 30fps;1080P (1920*1080), Max 30fps;720P(1280*720), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
U-code	Support				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 4 areas per scene				
ROI	Up to 8 areas				
Video stream	Triple streams				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				
Smart IR	Support				
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				
Dewarping	Support				
HLC	Support				

BLC	Support
Defog	Digital Defog
Intelligent	
Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Recognition	Face capture
Statistical Analysis	People counting, support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Ultra motion detection, Audio detection, Tampering alarm
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8KHz
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS,SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	EZStation EZLive EZView
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
	Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)

Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Ø111 x 95mm (Ø 4.4" x 3.7")
Weight	0.45kg(0.99lb)
Material	Metal
Working Environment	-30°C~60°C(-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C~60°C(-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge protection	4KV
Reset button	N/A

Dimensions



Accessories

TR-JB03-G-IN

Junction Box



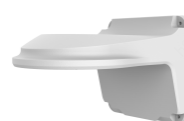
TR-JB07/WM03-G-IN

Wall Mount



TR-WM03-D-IN

Wall Mount



TR-UM06-E-IN

Incline Ceiling Mount



TR-UP06-IN

Pole Mount



TR-A01-IN

Waterproof Joint



TR-SE24-IN

Pendant Mount



TR-SE24-A-IN

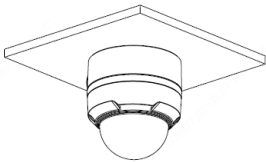
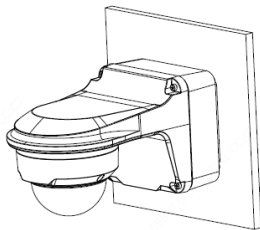
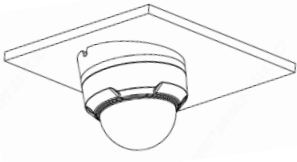
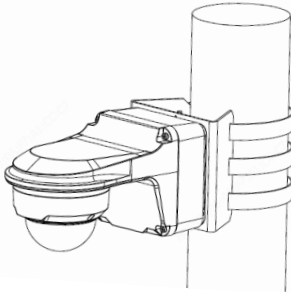
Pendant Mount



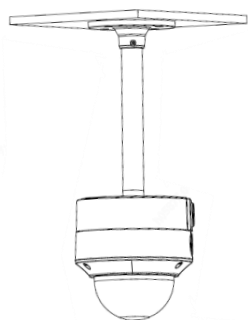
TR-CM24-IN

Pendant Mount



Junction Mount	Pole Mount
<p>TR-JB03-G-IN</p> 	<p>TR-JB07/WM03-G-IN</p> 
<p>TR-UM06-E-IN</p> 	<p>TR-JB07/WM03-G-IN+TR-UP06-IN</p> 

TR-CM24-IN+TR-JB03-G-IN



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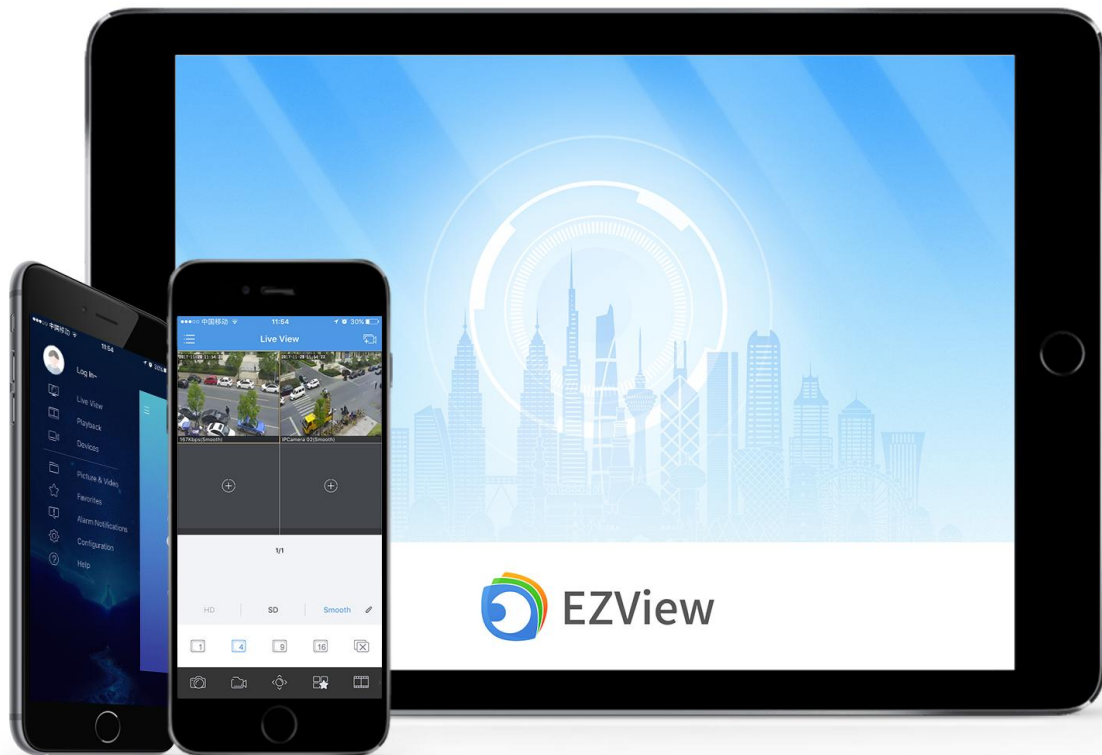
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EZView Mobile Surveillance App



Overview

EZView is a mobile surveillance app for medium and large surveillance scenarios. With this app you can connect Uniview devices through the network and play live and recorded video, control PTZ cameras, receive alarm notifications, manage devices, and start two-way audio on a mobile device.

EZView is free for download from app stores and is compatible with mobile phones (Android and iOS) and iPad.

Key Features

- Mobility: live view, playback, and device management anytime, anywhere
- Remote control: cloud device management by a cloud account; two-way audio, PTZ control
- Security: data encryption, pin/pattern password protection, each device can bind with only one cloud account
- Alarm notification: alarm notifications on mobile device; view live video, alarm video and snapshots
- Sharing: share devices; share videos/images through third-party apps
- Stability: P2P networking technology, elastic and scalable architecture
- Easy to use: add a device by QR code scanning, tap to switch live view/playback, cellular/Wi-Fi data usage

Specifications

Function	Description
Device Management	
Device management	<p>Max. 64 local devices and 64 cloud devices</p> <p>Max. 10000 channels (local and cloud)</p> <p>IPC, NVR and Unicorn</p> <p>Demo devices</p> <p>Add device by QR code scanning, automatic search (LAN), or add manually (IP/domain and EZDDNS)</p> <p>Edit/delete devices</p> <p>Sync cloud devices automatically when logged in</p> <p>Device upgrade, speed test, device sharing</p> <p>Tap a button to start live video</p>
Live View	
Play control	<p>1/4/9/16 split view</p> <p>Live view on multiple screens</p> <p>Image quality: HD/SD/Smooth (main/sub/third stream)</p> <p>Drag video to play in another window</p> <p>Resume live video in the previous split view</p> <p>Tap to playback video in the selected window</p> <p>Snapshot and record; tap to view saved snapshots/videos</p>
PTZ control	<p>PTZ control by gestures</p> <p>Focus, zoom and preset</p> <p>Note: Actual functionality may vary depending on device capability.</p>
Two-way audio	<p>Two-way audio with NVR and camera (including NVR-connected camera)</p> <p>Touch and hold to select device</p> <p>Note: Actual functionality may vary depending on device capability.</p>
Recording and Playback	
Search	<p>Search by date, custom video start time</p> <p>Image quality: clear/smooth (sub/third stream)</p> <p>Drag the timeline to search, pinch the timeline to zoom in/out</p> <p>Tap to play live video in the selected window</p>
Playback	<p>Up to 4-ch playback</p> <p>Split video into small segments by 4-split or 9-split to pinpoint an event</p> <p>Play recordings saved on an SD card</p> <p>Digital zoom</p> <p>Snapshot and record, tap to view saved snapshots/videos.</p> <p>1/4x, 1/2x, 1x, 2x and 4x playback speed</p> <p>Resume playback in the previous split view</p>
Alarm Notifications	
Alarm list	<p>Live view and playback when a device alarm occurs</p> <p>Push alarms in real time for cloud devices</p> <p>Multiple alarm types</p> <p>Share, delete and acknowledge alarms</p>
Allow notifications	Set the mobile phone to receive or not receive alarms from a specified device
Advanced settings	<p>Custom alarm notification by channel, time, alarm type</p> <p>Save configurations locally to keep custom configurations on different clients</p>
Favorites	
Favorites	Save split view and cameras as Favorites during live view

	Add, edit, rename, delete Favorites Tap a button to start live video
Picture & Video	
File list	Sort files by time and type Delete files Export files to the mobile phone Share files through third-party apps
Files	View local videos and pictures
Cloud Account Management	
Sign up and login	Sign up by an e-mail address Select region for optimal experience (region cannot change when signed up) Remember accounts that you have successfully logged in Allows users to use the app without a cloud account
Management	Change password and edit personal info
Device sharing	Share devices View your sharing history Generate a QR code for a device to share View the QR codes that you have generated
Temporary password	Obtain temporary password for cloud device
Configuration	
Snapshot	1x, 3x and 5x snapshot modes
PTZ speed	1-9 (slow to fast)
Password protection	PIN or pattern
Do Not Disturb	When enabled, the mobile phone does not alert you when receiving an alarm.
Auto Discover New Devices	Automatically discover NVR (PoE kit only)
Device Wi-Fi Configuration	Connect your devices to Wi-Fi
Forget Device Password	Get a temporary password for your cloud device
Data usage	Cellular/Wi-Fi data usage
Help	
Update	Check for update automatically
EZCloud announcement	Support
Help	Online help Tutorial video User feedback Contact email addresses
Language	Multiple languages
Requirements	
Operating system	iOS 7.1 or later Android 4.0 or later
Memory	1 GB or higher
Display resolution	480 x 800 or higher
Compatibility	Mobile phone (Android and iOS) and iPad

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