



## Onvie

## **Key Features**

- 32-ch 6MP/5MP/4MP/3MP/1080P/720P/4CIF IP Camera Input
- 1-ch 6MP/5MP/4MP/4-ch 3MP/8-ch 1080P/16-ch 720P/32-ch 4CIF Realtime Display
- 4-ch 3MP/8-ch 1080P/16-ch 720P/4CIF Sync Playback
- Up to 6MP Resolution Recording
- 2xHDMI, Diffierent Video Source
- HDD Quota and Group Management
- Dual Gigabit Network Interfaces
- Built-in 2-ch Video Analytics(VCA)
- Support 32-ch Intelligent Analysis Process
- Smart Search&Recording, Plug&Play
- Support ANR Funtion
- Support N+1 Hot Standby Function
- $\bullet$  8 SATA(Up to 32TB), Alarm I/O 16/4, Audio I/O 1/2, 3 USB
- CE, FCC, RoHS

## **Dimensions**





Video/Audio Input	
IP video input	32-ch
Two-way Audio Input	1-ch, BNC(2.0 Vp-p, 1kΩ)
Network	
Incoming Bandwidth	200Mbps
Outgoing Bandwidth	120Mbps
Remote Connection Browser	16 Users, Up to 48ch Videos IE8,IE9,IE10,IE11,Chrome30,Firefox24
Mobile Software	P2P&DDNS for IOS&Android (Tiandy: TD Viewer, Neutral: Smartwatchman)
	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/HTTPS/RTSP/
Internet Protocol	SMTP/HTTPS/SNMP
Email	Activated by Alarm
ANR	Y, Auto download video from camera SD card, Which was stored when disconnnection (Only Support Tiandy ANR IP Camera)
Advanced	Remaining Bandwidth Display
Video/Audio Output	
CVBS Output	1-ch, BNC(1.0Vp-p, 75Ω)
	Resolution 704×576(PAL); 704×480(NTSC)
HDMI Output	2-ch Resolution:1920x1080,1280x720,800x600,1024x768,1366x768,1440x900,1280x800
V.S.A. O	1-ch
VGA Output	Resolution: 1920x1080,1280x720,800x600,1024x768,1366x768,1440x900,1280x800
	Adjustable Output mode, Self-adaptive Resolution  Mainstream 25fps(P)/30fps(N)
Frame Rate	Substream 25fps(P)/30fps(N)
I-Frame Record	Y
	6MP(2752*2208,3008*2008,2408*2008)/5MP(2448*2048,2560*1920,2592*1944,2592*192
Recording Resolution	0,2528*2128/4MP(2560*1440,2592*1520)/QSXGA(2560*2045)/3MP(2048*1536)/1080P/U
Audia Outrout	XGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF  2-ch, BNC(Linear Electrical Level, 600Ω)
Audio Output Synchronous Playback	4-ch 3MP/8-ch 1080P/16-ch 720P/4CIF
Decoding	4-CH 3WF76-CH 1060F710-CH 720F74-CH
Decouning	6MP(2752*2208,3008*2008,2408*2008)/5MP(2448*2048,2560*1920,2592*1944,2592*192
Live View/Playback	0,2528*2128/4MP(2560*1440,2592*1520)/QSXGA(2560*2045)/3MP(2048*1536)/1080P/U
	XGA/720P/VGA/4CIF/DCIF/2CIF/QCIF
Capability	1-ch 6MP/5MP/4MP/4-ch 3MP/8-ch 1080P/16-ch 720P/32-ch 4CIF
Display Split	1/4/6/8/9/13/16/25/36
E-Zoom	1/4/6/8/9/13/16/25/36 Y
E-Zoom Hard Disk	Y
E-Zoom Hard Disk SATA	Y 8 SATA for 8 HDDs
E-Zoom Hard Disk SATA eSATA	Y  8 SATA for 8 HDDs  Y, Only for Backup
E-Zoom Hard Disk SATA eSATA Capacity	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System	Y  8 SATA for 8 HDDs  Y, Only for Backup  Up to 6TB Capacity for Each HDD  Y
E-Zoom Hard Disk SATA eSATA Capacity	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management	Y  8 SATA for 8 HDDs  Y, Only for Backup  Up to 6TB Capacity for Each HDD  Y
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface	Y  8 SATA for 8 HDDs  Y, Only for Backup  Up to 6TB Capacity for Each HDD  Y  Group and Quota
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface	Y  8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface LISB Interface Alarm In	Y  8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface SUB Interface USB Interface Alarm In Alarm Out	Y  8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface Alarm In Alarm Out Advance	Y  8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface Alarm In Alarm Out Advance NAS	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota 2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch NFS Protocol, Support Manual Backup Only
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch NF5 Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play Corridor Mode	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tlandy Cameras Y, 16:9 to 9:16, Only for Tlandy Cameras
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA)	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Camera VCA Process (Tripwire and Perimeter)
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface USB Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA) Smart Search	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Cameras VCA Process (Tripwire and Perimeter) Quickly Search Target VCA Videos , Only for Tiandy Cameras
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA)	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Camera VCA Process (Tripwire and Perimeter)
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA) Smart Search Trigger Recording	8 SATA for 8 HDDs Y, Only for Backup Up to 6 TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Camera VCA Process (Tripwire and Perimeter) Quickly Search Target VCA Videos , Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time Pre Alarm Default 10s (5/10/15/60s Optional) , Post Alarm Default 10s
E-Zoom Hard Disk SATA eSATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface USB Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA) Smart Search Trigger Recording Smart Recording	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Camera VCA Process (Tripwire and Perimeter) Quickly Search Target VCA Videos , Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface USB Interface USB Interface Harm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA) Smart Search Trigger Recording Smart Recording Alarm Recording	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Camera VCA Process (Tripwire and Perimeter) Quickly Search Target VCA Videos , Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time Pre Alarm Default 10s (5/10/15/60s Optional), Post Alarm Default 10s (10/15/30/60/60s Optional).
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA) Smart Search Trigger Recording Smart Recording Alarm Recording Onvif	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Cameras (Tripwire and Perimeter) Quickly Search Target VCA Videos , Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time Pre Alarm Default 10s (5/10/15/60s Optional), Post Alarm Default 10s (10/15/30/60/600s Optional). Onvif(Profile S)  English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese, French,
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface USB Interface USB Interface USB Interface Harm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA) Smart Search Trigger Recording Smart Recording Onvif General Languge	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Cameras Quickly Search Target VCA Videos, Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time Pre Alarm Default 10s (5/10/15/60s Optional), Post Alarm Default 10s (10/15/30/60/600s Optional). Onvif(Profile S)
E-Zoom Hard Disk SATA eSATA Capacity NTFS Files System HDD Management External Interface Network Interface USB Interface USB Interface Harm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA) Smart Search Trigger Recording Smart Recording Alarm Recording Onvif General	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Camera VCA Process (Tripwire and Perimeter) Quickly Search Target VCA Videos , Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time Pre Alarm Default 10s (5/10/15/60s Optional) , Post Alarm Default 10s (10/15/30/60/600s Optional ). Onwif(Profile S)  English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese, French, Polish
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface USB Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA) Smart Search Trigger Recording Smart Recording Alarm Recording Onvif General Languge Power Supply	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Camera VCA Process (Tripwire and Perimeter) Quickly Search Target VCA Videos , Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time Pre Alarm Default 10s (5/10/15/30/60/600s Optional), Post Alarm Default 10s (10/15/30/60/600s Optional). Onvif(Profile S)  English, Spanish, Korean, Italian,Turkish,Thai, Russian, Traditional Chinese, French, Polish 100 ~ 240V AC, 6.3A, 50 ~ 60Hz
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface USB Interface Alarm In Alarm Out Advance NAS Plug and Play Corridor Mode Video Analytics(VCA) Smart Search Trigger Recording Smart Recording Alarm Recording Onvif General Languge Power Supply Consumption(without HDD)	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch NF5 Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Cameras Quickly Search Target VCA Videos , Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time Pre Alarm Default 10s (5/10/15/60s Optional) , Post Alarm Default 10s (10/15/30/60/600s Optional). Onvif(Profile S) English, Spanish, Korean, Italian,Turkish,Thai, Russian, Traditional Chinese, French, Polish 100 ~ 240V AC, 6.3A, 50 ~ 60Hz ≤ 44 W
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB Interface INTERFACE USB Interface INTERFACE USB Interface INTERFACE USB Interface INTER	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Camera VCA Process (Tripwire and Perimeter) Quickly Search Target VCA Videos , Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time Pre Alarm Default 10s (5/10/15/60s Optional) , Post Alarm Default 10s (10/15/30/60/600s Optional ). Onvif(Profile S)  English, Spanish, Korean, Italian,Turkish,Thai, Russian, Traditional Chinese, French, Polish 100 ~ 240V AC, 6.3A, 50 ~ 60Hz ≤ 44 W -10 °C ~ +55 °C (+14 °F~ + 131 °F)
E-Zoom Hard Disk SATA SATA Capacity NTFS Files System HDD Management External Interface Network Interface Serial Interface USB I	8 SATA for 8 HDDs Y, Only for Backup Up to 6TB Capacity for Each HDD Y Group and Quota  2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces 2 RS-485, Keyboard 2 x USB2.0,1x USB3.0 16-ch 4-ch  NFS Protocol, Support Manual Backup Only Y, Only for Tiandy Cameras Y, 16:9 to 9:16, Only for Tiandy Cameras 2-ch Built-in/ 32-ch Tiandy Camera VCA Process (Tripwire and Perimeter) Quickly Search Target VCA Videos , Only for Tiandy Cameras Manual/Timing/Motion Detection/Port Alarm/VCA/Video Occlusion Set Different Recording Bite Rate for Different Time Pre Alarm Default 10s (5/10/15/60s Optional) , Post Alarm Default 10s (10/15/30/60/600s Optional ). Onvif(Profile S)  English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese, French, Polish 100 ~ 240V AC, 6.3A, 50 ~ 60Hz 44 W -10 °C ~ +55 °C (+14 °F~ + 131 °F) 10 % ~ 90 %

<sup>\*</sup> The latest product information / specification can be found at http://en.tiandy.com/

