

## NVRY808

#### H.265 80CH 8HDD NVR



#### Main Features



Up to 12MP Resolution Recording



Mobile software to monitor available for Android and IOS



Support VCA function for Ventionex's camera



High Efficiency Video Coding



Support Smart Search and Recording for Ventionex's Cameras



Support ANR (Automatic Network Replenishment) function



Dual Gigabit Network Interfaces



Support ONVIF Cameras



### Technical Data

Audio Input	Video/Audio input	
Network         Incoming Bandwidth         400Mbps           Outgoing Bandwidth         200Mbps           Mobile Software         P2P/IP for IOS & Android           Internet Protocol         TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PFP6E/DDNS/FIP/NTP/HTTPS/SADP/SNMP           Email         Activated by Alarm           ANR         Y           Remote Connection         160           Browser         Support all browsers, including IE, Safari, Chrome, Edge           Advanced         Remaining Bandwidth Display           Video/ Audio Output         Resolution: 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600, 1204×768, 1366×768, 1346v×900, 1280×820           VGA Output         Resolution: 1920×1080, 1280×720, 1440×900, 1280×820, 1024×768, 800×800           Addio Output         Resolution: 1920×1080, 1280×720, 1440×900, 1280×820, 1024×768, 800×800           Addio Output         1-ch BNC, 1-ch 3.5mm           Recording Resolution         12MP/BMP/6MP/5MP/4MP/3MP/1080P/JXC6A/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF           Synchronous Playback         4-ch 4K/ 16-ch 1080P/ 720P/ 4CIF           Display Split         11/3/4/6/8/7/0/13716/20/25/36/40/64           Deceding         S 1265/ H.265/ H.264H/ H.264M/ H.264B           Perview Capability         4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF           E-Zeom         Y           Capacit	Video Input	80-ch
Audio Output	Audio Input	1-ch, 3.5mm
Outgoing Bandwidth         200Mbps           Mobile Software         P2P/IP for IOS & Android           Internet Protocol         TCP/UDP/HTTP/MULTICAST/UP-P/DHCP/PPP6Z/DDNS/FTP/NTP/HTTPS/           Email         Activated by Alarm           ANR         Y           Remote Connection         160           Browser         Support all browsers, including IE, Safari, Chrome, Edge           Advanced         Remaining Bandwidth Display           Video/ Audio Output         Resolution: 3840×2160, 2560×1400, 2560×1440, 1920×1080, 1280×720, 800×600, 1024×768, 800×600           VGA Output         Resolution: 3840×2160, 2660×1440, 900, 1280×800, 1024×768, 800×600           Adjustable Output mode, Self-adaptive Resolution         Adjustable Output mode, Self-adaptive Resolution           Audio Output         1-ch BNC, 1-ch 3.5mm           Recording Resolution         12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/GCIF           Synchronous Playback         4-ch 4K/16-ch 1080P/132/64/20/25/36/40/64           Decoding         Compression         S+265/H.265/H.264H/H.264M/H.264M           Preview Capability         4-ch 4K/16-ch 1080P/132/6-20/2/5/36/40/64           Decoding         Y           Compression         S+265/H.265/H.265/H.264H/H.264M/H.264B           Preview Capability         4-ch 4K/16-ch 1080P/132/ch-720P/64ch-4CIF <t< td=""><td>Network</td><td></td></t<>	Network	
Mobile Software         P2P/IP for IOS & Android           Internet Protocol         TCP/UDP/HTTP/MULTICAST/UPA/PIDHCP/PPPE/DDNS/FTP/NTP/HTTPS/ RTSP/SMTP/HTTPS/SADP/SMMP           Email         Activated by Alarm           ANR         Y           Remote Connection         160           Browser         Support all browsers, including IE, Safari, Chrome, Edge           Advanced         Remaining Bandwidth Display           Video/ Audio Output         Resolution: 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×200, 800×600, 1024×768, 1366×768, 1340×900, 13260×720, 800×600, 1024×768, 1366×768, 1280×800, 1024×768, 800×600           VGA Output         Resolution: 1920×1080, 1280×720, 1440×900, 1366×768, 1280×800, 1024×768, 800×600           Aduito Output         1-ch BNC, 1-ch 3.5mm           Recording Resolution         12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF           Synchronous Playback         1-ch AK/ 16-ch 1080P/720P/4CIF           Display Split         1/34/6/8/9/10/13/16/20/25/36/40/64           Decoding         Preview Capability           Compression         S+265/H.265/H.264H/H.264M/H.264M           Preview Capability         4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF           E-Zoom         Y           Hard Disk           SATA         8 SATA for 8 HDDs           SSATA         9 <t< td=""><td>Incoming Bandwidth</td><td>400Mbps</td></t<>	Incoming Bandwidth	400Mbps
Mobile Software         P2P/IP for IOS & Android           Internet Protocol         TCP/UDP/HTTP/MULTICAST/UPA/PIDHCP/PPPE/DDNS/FTP/NTP/HTTPS/ RTSP/SMTP/HTTPS/SADP/SMMP           Email         Activated by Alarm           ANR         Y           Remote Connection         160           Browser         Support all browsers, including IE, Safari, Chrome, Edge           Advanced         Remaining Bandwidth Display           Video/ Audio Output         Resolution: 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×200, 800×600, 1024×768, 1366×768, 1340×900, 13260×720, 800×600, 1024×768, 1366×768, 1280×800, 1024×768, 800×600           VGA Output         Resolution: 1920×1080, 1280×720, 1440×900, 1366×768, 1280×800, 1024×768, 800×600           Aduito Output         1-ch BNC, 1-ch 3.5mm           Recording Resolution         12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF           Synchronous Playback         1-ch AK/ 16-ch 1080P/720P/4CIF           Display Split         1/34/6/8/9/10/13/16/20/25/36/40/64           Decoding         Preview Capability           Compression         S+265/H.265/H.264H/H.264M/H.264M           Preview Capability         4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF           E-Zoom         Y           Hard Disk           SATA         8 SATA for 8 HDDs           SSATA         9 <t< td=""><td>Outgoing Bandwidth</td><td>200Mbps</td></t<>	Outgoing Bandwidth	200Mbps
Internet Protocol   RTSP/SMTP/HTTPS/SADP/SNMP	Mobile Software	P2P/IP for IOS & Android
ANR Remote Connection Browser Support all browsers, including IE, Safari, Chrome, Edge Advanced Remaining Bandwidth Display Video/ Audio Output  HDMI Output Resolution: 3840×2160, 2560×1600, 2560×1640, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1346×768, 1440×900, 1280×800 Resolution: 1920×1080, 1280×720, 1440×900, 1366×768, 1280×800, 1024×768, 800×600 Adjustable Output mode, Self-adaptive Resolution Audio Output 1-ch BNC, 1-ch 3.5mm Recording Resolution 12MP/8MP/6MP/5MP/14MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/QCIF Synchronous Playback 12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/QCIF Display Split 13/4/6/8/9/10/13/16/20/25/36/40/64  Decoding Compression S+265/ H.265/ H.264H/ H.264M/ H.264B Preview Capability 4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF E-Zoom Y Hard Disk SATA 8 SATA for 8 HDDs eSATA 7 SATA 8 SATA for 8 HDDs eSATA 7 YOUT 10 TO B Capacity for Each HDD NTFS Files System Y HDD Management Group and Quota, Customized Recording Days RAID RAID Mode BADD, RAIDD, RAID1, RAID5, RAID6, RAID10 RAID Mode CAPACITY RAID Mode ARID Mode ARID Mode ARID Mode ARID Management One-key Configuration, and Support Manual and Auto Rebuild External Interface Video Output 2x HDMI, 2x VGA PCE N/A Network Interface 2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces Serial Interface 1x USB3.0, 2x USB3.0, 2x USB2.0	Internet Protocol	
Remote Connection         160           Browser         Support all browsers, including IE, Safari, Chrome, Edge           Advanced         Remaining Bandwidth Display           Video/ Audio Output         Resolution: 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1340×900, 1280×800           HDMI Output         Resolution: 1920×1080, 1280×720, 1440×900, 1366×768, 1280×800, 1024×768, 800×600         Advanced           VGA Output         Resolution: 1920×1080, 1280×720, 1440×900, 1366×768, 1280×800, 1024×768, 800×600         Advanced           Audio Output         1-ch BNC, 1-ch 3.5mm         Act 3.5mm           Recording Resolution         12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF           Synchronous Playback         4-ch 4K/ 16-ch 1080P/ 120P/ 4CIF           Display Split         1/3/4/6/8/9/10/13/16/20/25/36/40/64           Decoding         Compression           S+265/ H.265/ H.264H/ H.264MV H.264B           Preview Capability         4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF           E-Zoom         Y           Hard Disk         SATA         8 SATA for 8 HDDs           SSATA         9         Preview Capability         Preview Capability           E-Zoom         Y         Preview Capability         Preview Capability           E-Zoom         Y         Previe	Email	Activated by Alarm
Support all browsers, including IE, Safari, Chrome, Edge	ANR	Y
Advanced Remaining Bandwidth Display  Video/ Audio Output  HDMI Output Resolution: 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1440×900, 1280×800  Resolution: 1920×1080, 1280×720, 1440×900, 1366×768, 1280×800, 1024×768, 800×600  Aduptot Adjustable Output mode, Self-adaptive Resolution  Audio Output 1:4-b BNC, 1-ch 3.5mm  Recording Resolution 12MP/8MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF Synchronous Playback 4-ch 4K/ 16-ch 1080P/ 720P/ 4CIF  Display Split 1/3/4/6/8/9/10/13/16/20/25/36/40/64  Decoding  Compression \$+265/ H.265/ H.264H/ H.264M/ H.264B  Preview Capability 4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF  E-Zoom Y  Hard Disk  SATA 8 SATA for 8 HDDs  eSATA Y  Capacity Up to 10TB Capacity for Each HDD  NTFS Files System Y  HDD Management Group and Quota, Customized Recording Days  RAID  RAID Mode JBOD, RAIDD, RAID1, RAID5, RAID6, RAID10  RAID Management One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output 2x HDMI, 2x VGA  POE N/A  Network Interface 2x RS-485, 1x RS-232  USB Interface 1x USB3.0, 2x USB2.0	Remote Connection	160
Video/ Audio Output         Resolution: 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1440×900, 1280×800           HDMI Output         Resolution: 1920×1080, 1280×720, 1440×900, 1366×768, 1280×800, 1024×768, 800×600           VGA Output         Adjustable Output mode, Self-adaptive Resolution           Recording Resolution         12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF           Synchronous Playback         4-ch 4K/ 16-ch 1080P/ 720P/ 4CIF           Display Split         1/3/4/6/8/9/10/13/16/20/25/36/40/64           Decoding         Compression           S+265/ H.265/ H.264H/ H.264M/ H.264B           Preview Capability         4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF           E-Zoom         Y           Hard Disk         8 SATA for 8 HDDs           SATA         8 SATA for 8 HDDs           eSATA         Y           Capacity         Up to 10TB Capacity for Each HDD           NTTSF Files System         Y           HDD Management         Group and Quota, Customized Recording Days           RAID         RAID Mode         JBOD, RAIDD, RAID1, RAID5, RAID6, RAID10           RAID Mode         JBOD, RAID0, RAID1, RAID5, RAID6, RAID10           RAID Mode         One-key Configuration, and Support Manual and Auto Rebuild           External Interface         VA </td <td>Browser</td> <td>Support all browsers, including IE, Safari, Chrome, Edge</td>	Browser	Support all browsers, including IE, Safari, Chrome, Edge
Resolution: 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1440×900, 1280×800   Resolution: 1920×1080, 1280×720, 1440×900, 1280×800   Resolution: 1920×1080, 1280×720, 1440×900, 1280×800, 1024×768, 800×600   Adjustable Output mode, Self-adaptive Resolution   Audio Output   1-ch BNC, 1-ch 3.5mm   Recording Resolution   12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF   Synchronous Playback   4-ch 4K/ 16-ch 1080P/ 720P/ 4CIF   Display Split   1/3/4/6/8/9/10/13/16/20/25/36/40/64   Decoding   Compression   S+265/ H.265/ H.265/ H.264H/ H.264M/ H.264B   Preview Capability   4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF   E-Zoom   Y   Hard Disk   SATA   8 SATA for 8 HDDs   SATA   SATA   SATA   SATA   SATA   SATA   SATA   SATA   Y   Capacity   Up to 10TB Capacity for Each HDD   NTFS Files System   Y   HDD Management   Group and Quota, Customized Recording Days   RAID   Mode   JBOD, RAID0, RAID1, RAID5, RAID6, RAID10   RAID Management   One-key Configuration, and Support Manual and Auto Rebuild   External Interface   2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces   Serial Interface   1x USB3.0, 2x USB3.0, 2x USB3.0	Advanced	Remaining Bandwidth Display
HDMI Output	Video/ Audio Output	
VGA Output         800 × 600           Adjustable Output mode, Self-adaptive Resolution           Audio Output         1-ch BNC, 1-ch 3.5mm           Recording Resolution         12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF           Synchronous Playback         4-ch 4K/ 16-ch 1080P/ 720P/ 4CIF           Display Split         1/3/4/6/8/9/10/13/16/20/25/36/40/64           Decoding         Compression           Compression         \$ +265/ H.265/ H.264H/ H.264M/ H.264B           Preview Capability         4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF           E-Zoom         Y           Hard Disk         Y           SATA         8 SATA for 8 HDDs           eSATA         Y           Capacity         Up to 10TB Capacity for Each HDD           NTFS Files System         Y           HDD Management         Group and Quota, Customized Recording Days           RAID         RAID           RAID         JBOD, RAIDO, R	HDMI Output	1024×768, 1366×768, 1440×900, 1280×800
Audio Output Recording Resolution 12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/CIF Synchronous Playback 4-ch 4K/ 16-ch 1080P/ 720P/ 4CIF Display Split 1/3/4/6/8/9/10/13/16/20/25/36/40/64  Decoding Compression S+265/ H.265/ H.264H/ H.264M/ H.264B Preview Capability 4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF E-Zoom Y Hard Disk SATA 8 SATA for 8 HDDs eSATA Y Capacity Up to 10TB Capacity for Each HDD NTFS Files System Y HDD Management Group and Quota, Customized Recording Days  RAID RAID Mode JBOD, RAIDD, RAID1, RAID5, RAID6, RAID10 RAID Management One-key Configuration, and Support Manual and Auto Rebuild External Interface Video Output 2x HDMI, 2x VGA POE N/A Network Interface 2x RS-485, 1x RS-232 USB Interface 1x USB3.0, 2x USB2.0	VGA Output	800×600
Synchronous Playback Display Split Display Split Decoding  Compression S+265/ H.265/ H.264H/ H.264M/ H.264B Preview Capability 4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF E-Zoom Y Hard Disk SATA S SATA for 8 HDDs eSATA Y Capacity Up to 10TB Capacity for Each HDD NTFS Files System Y HDD Management Group and Quota, Customized Recording Days RAID RAID Mode JBOD, RAIDO, RAID1, RAID5, RAID6, RAID10 RAID Management One-key Configuration, and Support Manual and Auto Rebuild External Interface Video Output 2x HDMI, 2x VGA POE N/A Network Interface 2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces Serial Interface 1x USB3.0, 2x USB2.0	Audio Output	
Display Split         1/3/4/6/8/9/10/13/16/20/25/36/40/64           Decoding         S+265/ H.265/ H.264H/ H.264M/ H.264B           Preview Capability         4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF           E-Zoom         Y           Hard Disk         SATA           SATA         8 SATA for 8 HDDs           eSATA         Y           Capacity         Up to 10TB Capacity for Each HDD           NTFS Files System         Y           HDD Management         Group and Quota, Customized Recording Days           RAID         JBOD, RAIDO, RAID1, RAID5, RAID6, RAID10           RAID Mode         JBOD, RAID0, RAID1, RAID5, RAID6, RAID10           RAID Management         One-key Configuration, and Support Manual and Auto Rebuild           External Interface         VA HDMI, 2x VGA           POE         N/A           Network Interface         2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces           Serial Interface         2x RS-485, 1x RS-232           USB Interface         1x USB3.0, 2x USB2.0	Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Decoding  Compression S+265/ H.265/ H.264H/ H.264M/ H.264B  Preview Capability 4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF  E-Zoom Y  Hard Disk  SATA 8 SATA for 8 HDDs  eSATA Y  Capacity Up to 10TB Capacity for Each HDD  NTFS Files System Y  HDD Management Group and Quota, Customized Recording Days  RAID  RAID Mode JBOD, RAID0, RAID1, RAID5, RAID6, RAID10  RAID Management One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output 2x HDMI, 2x VGA  POE N/A  Network Interface 2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface 1x USB3.0, 2x USB2.0	Synchronous Playback	4-ch 4K/ 16-ch 1080P/ 720P/ 4CIF
Compression S+265/ H.265/ H.264H/ H.264M/ H.264B Preview Capability 4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF E-Zoom Y Hard Disk SATA 8 SATA for 8 HDDs eSATA Y Capacity Up to 10TB Capacity for Each HDD NTFS Files System Y HDD Management Group and Quota, Customized Recording Days RAID RAID Mode JBOD, RAID0, RAID1, RAID5, RAID6, RAID10 RAID Management One-key Configuration, and Support Manual and Auto Rebuild External Interface Video Output 2x HDMI, 2x VGA POE N/A Network Interface 2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces Serial Interface 1x USB3.0, 2x USB2.0	Display Split	1/3/4/6/8/9/10/13/16/20/25/36/40/64
Preview Capability 4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF E-Zoom Y  Hard Disk  SATA 8 SATA for 8 HDDs eSATA Y Capacity Up to 10TB Capacity for Each HDD NTFS Files System Y HDD Management Group and Quota, Customized Recording Days  RAID RAID Mode JBOD, RAID0, RAID1, RAID5, RAID6, RAID10  RAID Management One-key Configuration, and Support Manual and Auto Rebuild  External Interface Video Output 2x HDMI, 2x VGA POE N/A Network Interface 2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces Serial Interface 1x USB3.0, 2x USB2.0	Decoding	
F-Zoom Y  Hard Disk  SATA 8 SATA for 8 HDDs eSATA Y  Capacity Up to 10TB Capacity for Each HDD  NTFS Files System Y  HDD Management Group and Quota, Customized Recording Days  RAID  RAID Mode JBOD, RAIDD, RAID5, RAID6, RAID10  RAID Management One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output 2x HDMI, 2x VGA  POE N/A  Network Interface 2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface 2x RS-485, 1x RS-232  USB Interface 1x USB3.0, 2x USB2.0	Compression	S+265/ H.265/ H.264H/ H.264M/ H.264B
Hard Disk  SATA 8 SATA for 8 HDDs eSATA Y  Capacity Up to 10TB Capacity for Each HDD  NTFS Files System Y  HDD Management Group and Quota, Customized Recording Days  RAID  RAID Mode JBOD, RAID0, RAID1, RAID5, RAID6, RAID10  RAID Management One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output 2x HDMI, 2x VGA POE N/A  Network Interface 2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface 2x RS-485, 1x RS-232  USB Interface 1x USB 3.0, 2x USB 2.0	Preview Capability	4-ch 4K/ 16-ch 1080P/ 32ch-720P/ 64ch-4CIF
SATA 8 SATA for 8 HDDs eSATA Y Capacity Up to 10TB Capacity for Each HDD NTFS Files System Y HDD Management Group and Quota, Customized Recording Days RAID RAID Mode JBOD, RAID0, RAID1, RAID5, RAID6, RAID10 RAID Management One-key Configuration, and Support Manual and Auto Rebuild External Interface Video Output 2x HDMI, 2x VGA POE N/A Network Interface 2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces Serial Interface 2x RS-485, 1x RS-232 USB Interface 1x USB3.0, 2x USB2.0	E-Zoom	Y
eSATA  Capacity  Up to 10TB Capacity for Each HDD  NTFS Files System  Y  HDD Management  Group and Quota, Customized Recording Days  RAID  RAID Mode  JBOD, RAIDO, RAID1, RAID5, RAID6, RAID10  RAID Management  One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output  2x HDMI, 2x VGA  POE  N/A  Network Interface  2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface  2x RS-485, 1x RS-232  USB Interface  1x USB3.0, 2x USB2.0	Hard Disk	
Capacity  NTFS Files System  Y  HDD Management  Group and Quota, Customized Recording Days  RAID  RAID Mode  RAID Management  Discreption of the process of	SATA	8 SATA for 8 HDDs
NTFS Files System  Y  HDD Management  Group and Quota, Customized Recording Days  RAID  RAID Mode  JBOD, RAID0, RAID1, RAID5, RAID6, RAID10  RAID Management  One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output  2x HDMI, 2x VGA  POE  N/A  Network Interface  2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface  2x RS-485, 1x RS-232  USB Interface  1x USB3.0, 2x USB2.0	eSATA	Y
HDD Management  RAID  RAID Mode  RAID Management  RAID Management  One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output  2x HDMI, 2x VGA  POE  N/A  Network Interface  2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface  2x RS-485, 1x RS-232  USB Interface  1x USB3.0, 2x USB2.0	Capacity	Up to 10TB Capacity for Each HDD
RAID RAID Mode  RAID Mode  RAID Management  One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output  POE  N/A  Network Interface  2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface  2x RS-485, 1x RS-232  USB Interface  1x USB3.0, 2x USB2.0	NTFS Files System	Y
RAID Mode  RAID Management  One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output  2x HDMI, 2x VGA  POE  N/A  Network Interface  2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface  2x RS-485, 1x RS-232  USB Interface  1x USB3.0, 2x USB2.0	HDD Management	Group and Quota, Customized Recording Days
RAID Management  One-key Configuration, and Support Manual and Auto Rebuild  External Interface  Video Output  2x HDMI, 2x VGA  POE  N/A  Network Interface  2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface  2x RS-485, 1x RS-232  USB Interface  1x USB3.0, 2x USB2.0	RAID	
Video Output  2x HDMI, 2x VGA  POE  N/A  Network Interface  2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface  2x RS-485, 1x RS-232  USB Interface  1x USB3.0, 2x USB2.0	RAID Mode	JBOD, RAID0, RAID1, RAID5, RAID6, RAID10
Video Output  2x HDMI, 2x VGA  POE  N/A  Network Interface  2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface  2x RS-485, 1x RS-232  USB Interface  1x USB3.0, 2x USB2.0	RAID Management	One-key Configuration, and Support Manual and Auto Rebuild
POE N/A  Network Interface 2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces  Serial Interface 2x RS-485, 1x RS-232  USB Interface 1x USB3.0, 2x USB2.0	External Interface	
Network Interface2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet InterfacesSerial Interface2x RS-485, 1x RS-232USB Interface1x USB3.0, 2x USB2.0	Video Output	2x HDMI, 2x VGA
Serial Interface 2x RS-485, 1x RS-232 USB Interface 1x USB3.0, 2x USB2.0	POE	N/A
Serial Interface 2x RS-485, 1x RS-232 USB Interface 1x USB3.0, 2x USB2.0	Network Interface	2x RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
USB Interface 1x USB3.0, 2x USB2.0	Serial Interface	· · · · · · · · · · · · · · · · · · ·
	USB Interface	
10/1	Alarm In/Out	16/4



Advanced	
Video Analytics (VCA)	Camera VCA including Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/ Loitering/Running/Parking/Face Detection/ Crowd/ On Duty Detection/Face Counting/People Counting /Alert/Auto Tracking/Video Abnormal Detection/ Audio Abnormal Detection/Video Defocus Diagnosis/Video Scene Transformation Diagnosis
I-Frame Record	Y
Plug and Play	N/A
Image Flip	Y, Only for Ventionex Cameras
Corridor Mode	Y, Only for Ventionex Cameras
Smart Search	Quickly Search Target VCA Videos, Only for Ventionex Cameras
Trigger Recording	Manual/Timing/Motion Detection/Port Alarm/ VCA Alarm/Video Lost/Video Mask
Smart Recording	Set Recording Bit Rate for Different Time
Alarm Recording	Pre-Alarm Default 10s (5/10/15/60s Optional), Post Alarm Default 10s (10/15/30/60/600s Optional).
One Key Control	Intercom, Recording, one key adds
Records Format	SDV, MP4
Records Encryption	Y
Records Tag	Y
ONVIF	ONVIF (Profile S)
General	
Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian, Polish, French, Traditional Chinese, Simplified Chinese, Dutch, Hebrew (UI)
Operating Voltage	100 ~ 240V AC, 50 ~ 60 Hz
Power Consumption	≤ 80W (without HDD)
Operating Temperature	-10 °C ~ +55 °C
Relative Humidity	10 % ~ 90 %
Chassis	2U
Dimensions	89mm×440mm×458mm
Weight	7.2KG (without HDD)

# Outline Dimensions (mm)



