



NETWORK VIDEO RECORDERS





WizMind Series NVR

The WizMind series, which adopts advanced AI chip and industrial design, delivers more powerful artificial intelligence performance. Featuring face recognition, perimeter protection, and video metadata algorithm, it provides users with real-time event alarms, as well as quick target tracking.



Face Recognition

Supports recording of face image metadata and real-time crosschecking with incredible accuracy to locate the face image that matches the target's features.



Perimeter Protection

Supports people and vehicle classification, which significantly improves accuracy, reduces false alarms and decreases pixel count requirements for object detection.



Video Metadata

Attribute information are extracted from targets, including human body, human face, as well as motor and non-motor vehicles.



Rich Features

Offers AI by camera features including ANPR, Perimeter Protection, Face Detection, Heat Map, People Counting and SMD Plus.

NETWORK VIDEO RECORDERS

WizMind NVR

WizMind IVSS






Model	IVSS7024 (DR)-16M	IVSS7024 (DR)-8M	IVSS7016 (DR)-8M	IVSS7016 (DR)-4M
Appearance				
Processor	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	256 channel	256 channel	256 channel	256 channel
Max Input/Record	512Mbps/384Mbps	512Mbps/384Mbps	512Mbps/384Mbps	512Mbps/384Mbps
Max Decoding	6ch@8MP/24ch@1080P	6ch@8MP/24ch@1080P	6ch@8MP/24ch@1080P	6ch@8MP/24ch@1080P
Display	3HDMI, 1VGA, LCD (optional)	3HDMI, 1VGA, LCD (optional)	3HDMI, 1VGA, LCD (optional)	3HDMI, 1VGA, LCD (optional)
Max HDD	24x16TB	24x16TB	16x16TB	16x16TB
RAID	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60
eSATA/Mini SAS	1/2	1/2	1/2	1/2
Audio In/Out	1/1	1/1	1/1	1/1
Alarm In/Out	16/8	16/8	16/8	16/8
Ethernet	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports
PoE	--	--	--	--
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0
Power	AC100-127V/AC200-240V 50/60Hz, Redundant (optional) <200W (Without HDD)	AC100-127V/AC200-240V 50/60Hz, Redundant (optional) <200W (Without HDD)	AC100-127V/AC200-240V 50/60Hz, Redundant (optional) <200W (Without HDD)	AC100-127V/AC200-240V 50/60Hz, Redundant (optional) <200W (Without HDD)
Star Features	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P
Artificial Intelligence by Device				
Perimeter Protection	Up to 192 channels of perimeter protection	Up to 96 channels of perimeter protection	Up to 96 channels of perimeter protection	Up to 48 channels of perimeter protection
Face Recognition	Up to 256 channels of face recognition with FD camera; Up to 192 channels of face recognition with normal camera; 50 face databases with up to 500,000 face images in total	Up to 256 channels of face recognition with FD camera; Up to 96 channels of face recognition with normal camera; 50 face databases with up to 500,000 face images in total	Up to 256 channels of face recognition with FD camera; Up to 96 channels of face recognition with normal camera; 50 face databases with up to 500,000 face images in total	Up to 160 channels of face recognition with FD camera; Up to 48 channels of face recognition with normal camera; 50 face databases with up to 500,000 face images in total
Video Metadata	Up to 192 channels for video metadata of human face/human body/motor vehicle/non-motor vehicle	Up to 96 channels for video metadata of human face/human body/motor vehicle/non-motor vehicle	Up to 96 channels for video metadata of human face/human body/motor vehicle/non-motor vehicle	Up to 48 channels for video metadata of human face/human body/motor vehicle/non-motor vehicle
Image search	Search by face images	Search by face images	Search by face images	Search by face images
SMD Plus	--	--	--	--
Artificial Intelligence by Camera				
Perimeter Protection	Supported	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported	Supported
Video Metadata	Supported	Supported	Supported	Supported
SMD Plus	--	--	--	--
People Counting	Supported	Supported	Supported	Supported
Heat Map	--	--	--	--
ANPR	Supported	Supported	Supported	Supported

NETWORK VIDEO RECORDERS

WizMind NVR

WizMind IVSS




WizMind NVR

Model	IVSS7112(R)-4M	IVSS7112(R)-2M	IVSS7108-2M	IVSS7108-1M	NVR5864-I/L
Appearance					
Processor	Intel Dual Core CPU	Intel Dual Core CPU	Intel Dual Core CPU	Intel Dual Core CPU	Multi-core embedded processor
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	128 channel	128 channel	128 channel	128 channel	64 channel
Max Input/Record	400Mbps/320Mbps	400Mbps/320Mbps	400Mbps/320Mbps	400Mbps/320Mbps	320Mbps/320Mbps
Max Decoding	5ch@4K/20ch@1080P	5ch@4K/20ch@1080P	5ch@4K/20ch@1080P	5ch@4K/20ch@1080P	4ch@4k/16ch@1080P
Display	4HDMI, 1VGA	4HDMI, 1VGA	4HDMI, 1VGA	4HDMI, 1VGA	2HDMI, 1VGA
Max HDD	12x16TB	12x16TB	8x16TB	8x16TB	8x10TB
RAID	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/10
eSATA/Mini SAS	1/1	1/1	1/--	1/--	1/-
Audio In/Out	1/2	1/2	1/2	1/2	1/1, 2-way
Alarm In/Out	16/8	16/8	16/8	16/8	16/6
Ethernet	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports	2 Gigabit Ports
PoE	--	--	--	--	--
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0
Power	AC100V~240V <80W(Without HDD), Reduntant(optional)	AC100V~240V <80W(Without HDD), Reduntant(optional)	AC100V~240V <38W(Without HDD)	AC100V~240V <38W(Without HDD)	AC100V ~ 240V <16.1W(Without HDD)
Star Features	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, POS, P2P
Artificial Intelligence by Device					
Perimeter Protection	Up to 48 channels of perimeter protection	Up to 24 channels of perimeter protection	Up to 24 channels of perimeter protection	Up to 12 channels of perimeter protection	Up to 12 channels of perimeter protection
Face Recognition	Up to 160 channels of face recognition with FD camera; Up to 48 channels of face recognition with normal camera; 50 face databases with up to 500,000 face images in total	Up to 80 channels of face recognition with FD camera; Up to 24 channels of face recognition with normal camera; 50 face databases with up to 500,000 face images in total	Up to 80 channels of face recognition with FD camera; Up to 24 channels of face recognition with normal camera; 50 face databases with up to 500,000 face images in total	Up to 40 channels of face recognition with FD camera; Up to 12 channels of face recognition with normal camera; 50 face databases with up to 500,000 face images in total	Up to 16 channels of face recognition with FD camera; Up to 4 channels of face recognition with normal camera; 20 face databases with up to 200,000 face images in total
Video Metadata	Up to 48 channels for video metadata of human face/human body/ motor vehicle/non-motor vehicle	Up to 24 channels for video metadata of human face/human body/ motor vehicle/non-motor vehicle	Up to 24 channels for video metadata of human face/human body/ motor vehicle/non-motor vehicle	Up to 12 channels for video metadata of human face/human body/ motor vehicle/non-motor vehicle	Up to 4 channels for video metadata of human face/human body/ motor vehicle/non-motor vehicle
Image search	Search by face images	Search by face images	Search by face images	Search by face images	Search by face images
SMD Plus	--	--	--	--	Up to 12 channels of SMD Plus
Artificial Intelligence by Camera					
Perimeter Protection	Supported	Supported	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported	Supported	Supported
Video Metadata	Supported	Supported	Supported	Supported	Supported
SMD Plus	--	--	--	--	Supported
People Counting	Supported	Supported	Supported	Supported	Supported
Heat Map	--	--	--	--	Supported
ANPR	Supported	Supported	Supported	Supported	Supported

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WizMind NVR

WizMind NVR

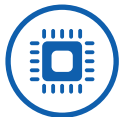
Model	NVR5832-I/L	NVR5432-16P-I/L	NVR5216-16P-I/L	NVR5216-8P-I/L
Appearance				
Processor	Multi-core embedded processor	Multi-core embedded processor	Multi-core embedded processor	Multi-core embedded processor
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	32 channel	32 channel	16 channel	16 channel
Max Input/Record	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps
Max Decoding	4ch@4k/16ch@1080P	4ch@4k/16ch@1080P	4ch@4k/16ch@1080P	4ch@4k/16ch@1080P
Display	2HDMI, 1VGA	2HDMI, 1VGA	1HDMI, 1VGA	1HDMI, 1VGA
Max HDD	8x10TB	4x10TB	2x10TB	2x10TB
RAID	0/1/5/10	--	--	--
eSATA/Mini SAS	1/-	1/-	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	16/6	16/6	4/2	4/2
Ethernet	2 Gigabit Ports	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port
PoE	--	16 Ports (IEEE802.3at/af) 1-8 PoE ports support ePoE&EoC Max 150W	16 Ports (IEEE802.3at/af) 1-8 PoE ports support ePoE&EoC Max 130W	8 Ports (IEEE802.3at/af) 1-8 PoE ports support ePoE&EoC Max 130W
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 1 USB2.0	1USB3.0, 1 USB2.0	1USB3.0, 1 USB2.0
Power	AC100V ~ 240V <16.1W(Without HDD)	AC100V ~ 240V <21.1W(Without HDD)	AC100V ~ 240V <15.6W(Without HDD)	AC100V ~ 240V <15.6W(Without HDD)
Star Features	Fisheye Dewarp, POS, P2P	Fisheye Dewarp, POS, ePoE&EoC, Plug & Play, P2P	Fisheye Dewarp, POS, ePoE&EoC, Plug & Play, P2P	Fisheye Dewarp, POS, ePoE&EoC, Plug & Play, P2P
Artificial Intelligence by Device				
Perimeter Protection	Up to 12 channels of perimeter protection	Up to 12 channels of perimeter protection	Up to 12 channels of perimeter protection	Up to 12 channels of perimeter protection
Face Recognition	Up to 16 channels of face recognition with FD camera; Up to 4 channels of face recognition with normal camera; 20 face databases with up to 200,000 face images in total	Up to 16 channels of face recognition with FD camera; Up to 4 channels of face recognition with normal camera; 20 face databases with up to 200,000 face images in total	Up to 16 channels of face recognition with FD camera; Up to 4 channels of face recognition with normal camera; 20 face databases with up to 200,000 face images in total	Up to 16 channels of face recognition with FD camera; Up to 4 channels of face recognition with normal camera; 20 face databases with up to 200,000 face images in total
Video Metadata	Up to 4 channels for video metadata of human face/ human body/motor vehicle/non-motor vehicle	Up to 4 channels for video metadata of human face/ human body/motor vehicle/non-motor vehicle	Up to 4 channels for video metadata of human face/ human body/motor vehicle/non-motor vehicle	Up to 4 channels for video metadata of human face/ human body/motor vehicle/non-motor vehicle
Image search	Search by face images	Search by face images	Search by face images	Search by face images
SMD Plus	Up to 12 channels of SMD Plus	Up to 12 channels of SMD Plus	Up to 12 channels of SMD Plus	Up to 12 channels of SMD Plus
Artificial Intelligence by Camera				
Perimeter Protection	Supported	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported	Supported
Video Metadata	Supported	Supported	Supported	Supported
SMD Plus	Supported	Supported	Supported	Supported
People Counting	Supported	Supported	Supported	Supported
Heat Map	Supported	Supported	Supported	Supported
ANPR	Supported	Supported	Supported	Supported

NETWORK VIDEO RECORDERS



Ultra Series NVR

The Ultra Series is an ideal option for applications which require powerful performance and high reliability. Its multi-core CPU and redundant design ensures stability while its advanced intelligent features provide complex applications with intelligent video analytics.



Powerful Processor

Multi-core Intel CPU provides high performance processing



Industrial Design

High quality design ensures high reliability and data safety.



Data Protection

RAID 0/1/5/10, N+M Failover.




Rich Features

Offers AI by camera features including ANPR, Perimeter Protection, Face Detection, Heat Map, People Counting and SMD Plus.

NETWORK VIDEO RECORDERS

Ultra Series

Ultra 4K & H.265 IVSS

Model	IVSS7024DR	IVSS7024	IVSS7016DR	IVSS7016	IVSS7112R	IVSS7112	IVSS7108
Appearance	 	 	 	 	 	 	 
Processor	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Dual Core CPU	Intel Dual Core CPU	Intel Dual Core CPU
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	256 channels	256 channels	256 channels	256 channels	128 channels	128 channels	128 channels
Max Input/Record	768Mbps/768Mbps	768Mbps/768Mbps	768Mbps/768Mbps	768Mbps/768Mbps	512Mbps/400Mbps	512Mbps/400Mbps	512Mbps/400Mbps
Max Decoding	6ch@4K/24ch@1080P	6ch@4K/24ch@1080P	6ch@4K/24ch@1080P	6ch@4K/24ch@1080P	5ch@4K/20ch@1080P	5ch@4K/20ch@1080P	5ch@4K/20ch@1080P
Display	3HDMI, 1VGA, LCD	3HDMI, 1VGA	3HDMI, 1VGA, LCD	3HDMI, 1VGA	4HDMI, 1VGA	4HDMI, 1VGA	4HDMI, 1VGA
Max HDD	24x10TB	24x10TB	16x10TB	16x10TB	12x16TB	12x16TB	8x16TB
RAID	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60	0/1/5/6/10/50/60
eSATA/Mini SAS	1/2	1/2	1/2	1/2	1/1	1/1	1/--
Audio In/Out	1/1	1/1	1/1	1/1	1/2	1/2	1/2
Alarm In/Out	16/8	16/8	16/8	16/8	16/8	16/8	16/8
Ethernet	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports	4 Gigabit Ports
PoE	--	--	--	--	--	--	--
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0
Power	AC100V~240V, Redundant <144W (Without HDD)	AC100V~240V, <144W (Without HDD)	AC100V~240V, Redundant <122W (Without HDD)	AC100V~240V, <122W (Without HDD)	AC100V~240V, Redundant <80W (Without HDD)	AC100V~240V <80W (Without HDD)	AC100V~240V <35W (Without HDD)
Star Features	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P	Fisheye Dewarp, Smart Track, N+M, P2P
Artificial Intelligence by Camera							
Perimeter Protection	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Video Metadata	Supported	Supported	Supported	Supported	Supported	Supported	Supported
SMD Plus	--	--	--	--	--	--	--
People Counting	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Heat Map	--	--	--	--	--	--	--
ANPR	Supported	Supported	Supported	Supported	Supported	Supported	Supported

NETWORK VIDEO RECORDERS







Ultra Series

16HDD Ultra 4K & H.265 NVR

Model	NVR616DR-128-4KS2	NVR616R-128-4KS2	NVR616D-128-4KS2	NVR616-128-4KS2	NVR616DR-64-4KS2	NVR616R-64-4KS2
Appearance	 H.265+	 H.265+	 H.265+	 H.265+	 H.265+	 H.265+
Processor	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	128 channels	128 channels	128 channels	128 channels	64 channels	64 channels
Max Input/Record	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps
Max Decoding	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P
Display	2HDMI, 1VGA, LCD	2HDMI, 1VGA	2HDMI, 1VGA, LCD	2HDMI, 1VGA	2HDMI, 1VGA, LCD	2HDMI, VGA
Max HDD	16x10TB	16x10TB	16x10TB	16x10TB	16x10TB	16x10TB
RAID	0/1/5/10	0/1/5/10	0/1/5/10	0/1/5/10	0/1/5/10	0/1/5/10
eSATA/Mini SAS	1/1	1/1	1/1	1/1	1/1	1/1
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	16/8	16/8	16/8	16/8	16/8	16/8
Ethernet	4 Gigabit Ports, 2 Gigabit Fiber Optical Interface	4 Gigabit Ports, 2 Gigabit Fiber Optical Interface	4 Gigabit Ports, 2 Gigabit Fiber Optical Interface	4 Gigabit Ports, 2 Gigabit Fiber Optical Interface	4 Gigabit Ports, 2 Gigabit Fiber Optical Interface	4 Gigabit Ports, 2 Gigabit Fiber Optical Interface
PoE	--	--	--	--	--	--
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0
Power	AC100V~240V, Redundant <51W (Without HDD)	AC100V~240V, Redundant <51W (Without HDD)	AC100V~240V <51W (Without HDD)	AC100V~240V <51W (Without HDD)	AC100V~240V, Redundant <51W (Without HDD)	AC100V~240V, Redundant <51W (Without HDD)
Star Features	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P
Artificial Intelligence by Camera						
Perimeter Protection	Supported	Supported	Supported	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported	Supported	Supported	Supported
Video Metadata	Supported	Supported	Supported	Supported	Supported	Supported
SMD Plus	Supported	Supported	Supported	Supported	Supported	Supported
People Counting	Supported	Supported	Supported	Supported	Supported	Supported
Heat Map	Supported	Supported	Supported	Supported	Supported	Supported
ANPR	Supported	Supported	Supported	Supported	Supported	Supported

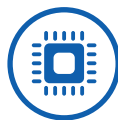
NETWORK VIDEO RECORDERS

Ultra Series

	16HDD Ultra 4K & H.265 NVR			8HDD Ultra 4K & H.265 NVR			
Model	NVR616D-64-4KS2	NVR616-64-4KS2	NVR608R-128-4KS2	NVR608-128-4KS2	NVR608R-64-4KS2	NVR608-64-4KS2	NVR608-32-4KS2
Appearance	 H.265+	 H.265+	 H.265+	 H.265+	 H.265+	 H.265+	 H.265+
Processor	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Dual Core CPU
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	64 channels	64 channels	128 channels	128 channels	64 channels	64 channels	32 channels
Max Input/Record	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps
Max Decoding	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P	4ch@4K/16ch@1080P
Display	2HDMI, 1VGA,LCD	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA
Max HDD	16x10TB	16x10TB	8x10TB	8x10TB	8x10TB	8x10TB	8x10TB
RAID	0/1/5/10	0/1/5/10	0/1/5/10	0/1/5/10	0/1/5/10	0/1/5/10	0/1/5/10
eSATA/Mini SAS	1/1	1/1	1/-	1/-	1/-	1/-	1/-
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	16/8	16/8	16/8	16/8	16/8	16/8	16/8
Ethernet	4 Gigabit Ports, 2 Gigabit Fiber Optical Interface	4 Gigabit Ports, 2 Gigabit Fiber Optical Interface	2 Gigabit Ports	2 Gigabit Ports	2 Gigabit Ports	2 Gigabit Ports	2 Gigabit Ports
PoE	--	--	--	--	--	--	--
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0
Power	AC100V~240V <51W (Without HDD)	AC100V~240V <51W (Without HDD)	AC100V~240V, Redundant <20W (Without HDD)	AC100V~240V <20W (Without HDD)	AC100V~240V, Redundant <20W (Without HDD)	AC100V~240V <20W (Without HDD)	AC100V~240V <20W (Without HDD)
Star Features	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P	Fisheye Dewarp, Smart Track, POS, N+M, P2P
Artificial Intelligence by Camera							
Perimeter Protection	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Video Metadata	Supported	Supported	Supported	Supported	Supported	Supported	Supported
SMD Plus	Supported	Supported	Supported	Supported	Supported	Supported	Supported
People Counting	Supported	Supported	Supported	Supported	Supported	Supported	Supported
Heat Map	Supported	Supported	Supported	Supported	Supported	Supported	Supported
ANPR	Supported	Supported	Supported	Supported	Supported	Supported	Supported

Pro Series NVR

The Pro Series is a perfect choice for middle to large-scale businesses and projects where both high reliability and flexibility are required. Innovative H.265+ encoding technology and advanced intelligence such as Perimeter Protection by camera further enhance surveillance monitoring.



Powerful Processor

ARM Cortex A17 quad-core CPU delivers 4ch@4K/16ch@1080P.



Smart H.265+ & Smart H.264+

Supports Smart H.265+/H.264+ decoding, providing high-quality videos and reducing storage and transmission costs.



Advanced Intelligence

Offers AI by camera features including ANPR, Perimeter Protection, Face Detection, Heat Map, People Counting and SMD Plus.









Rich Features

Fisheye dewarp, POS, P2P.

NETWORK VIDEO RECORDERS

Pro Series

8HDD Professional 4K & H.265 NVR






Model	NVR5832-4KS2	NVR5816-4KS2	NVR5816-16P-4KS2E
Appearance	 	 	 
Processor	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	32 channels	16 channels	16 channels
Max Input/Record	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps
Max Decoding	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P
Display	2HDMI, 2VGA	2HDMI, 2VGA	2HDMI, 2VGA
Max HDD	8x10TB	8x10TB	8x10TB
RAID	--	--	--
eSATA/Mini SAS	1/-	1/-	1/-
Audio In/Out	1/2, 2-way	1/2, 2-way	1/2, 2-way
Alarm In/Out	16/6	16/6	16/6
Ethernet	2 Gigabit Ports	2 Gigabit Ports	1 Gigabit Port
PoE	--	--	16 Ports (IEEE802.3at/af) Max. 150W 1-8 PoE ports support ePoE & EoC
USB	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0	2 USB3.0, 2 USB2.0
Power	AC100V~240V <16.7W (Without HDD)	AC100V~240V <16.7W (Without HDD)	AC100V~240V <17.5W (Without HDD)
Star Features	Fisheye Dewarp, POS, P2P	Fisheye Dewarp, POS, P2P	Fisheye Dewarp, POS, P2P, Plug & Play
Artificial Intelligence by Camera			
Perimeter Protection	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported
Video Metadata	Supported	Supported	Supported
SMD Plus	Supported	Supported	Supported
People Counting	Supported	Supported	Supported
Heat Map	Supported	Supported	Supported
ANPR	Supported	Supported	Supported

NETWORK VIDEO RECORDERS

Pro Series

4HDD Professional 4K & H.265 NVR

2HDD Professional 4K & H.265 NVR




Model	NVR5432-4KS2	NVR5416-4KS2	NVR5424-24P-4KS2	NVR5416-16P-4KS2E	NVR5232-4KS2
Appearance	 V2.00 H.265+	 V2.00 H.265+	 H.265+	 ePoE H.265+	 V2.00 H.265+
Processor	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	32 channels	16 channels	24 channels	16 channels	32 channels
Max Input/Record	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps
Max Decoding	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P
Display	2HDMI, 2VGA	2HDMI, 2VGA	2HDMI, 1VGA	2HDMI, 2VGA	1HDMI, 1VGA
Max HDD	4x10TB	4x10TB	4x10TB	4x10TB	2x10TB
RAID	--	--	--	--	--
eSATA/Mini SAS	1/-	1/-	1/-	1/-	--
Audio In/Out	1/2, 2-way	1/2, 2-way	1/1, 2-way	1/2, 2-way	1/1, 2-way
Alarm In/Out	16/6	16/6	16/6	16/6	4/2
Ethernet	2 Gigabit Ports	2 Gigabit Ports	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port
PoE	--	--	24 Ports (IEEE802.3at/af) Max. 210W	16 Ports (IEEE802.3at/af) Max. 150W 1-8 PoE ports support ePoE & EoC	--
USB	2 USB3.0, 1 USB2.0	2 USB3.0, 1 USB2.0	2 USB3.0, 1 USB2.0	2 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0
Power	AC100V~240V <16.7W (Without HDD)	AC100V~240V <16.7W (Without HDD)	AC100V~240V <18W (Without HDD)	AC100V~240V <17.5W (Without HDD)	DC12V/4A <9.5W (Without HDD)
Star Features	Fisheye Dewarp, POS, P2P	Fisheye Dewarp, POS, P2P	Fisheye Dewarp, POS, P2P, Plug & Play	Fisheye Dewarp, POS, P2P, Plug & Play	Fisheye Dewarp, POS, P2P
Artificial Intelligence by Camera					
Perimeter Protection	Supported	Supported	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported	Supported	Supported
Video Metadata	Supported	Supported	Supported	Supported	Supported
SMD Plus	Supported	Supported	Supported	Supported	Supported
People Counting	Supported	Supported	Supported	Supported	Supported
Heat Map	Supported	Supported	Supported	Supported	Supported
ANPR	Supported	Supported	Supported	Supported	Supported

NETWORK VIDEO RECORDER

NETWORK VIDEO RECORDERS

Pro Series

2HDD Professional 4K & H.265 NVR

Model	NVR5216-4KS2	NVR5208-4KS2	NVR5224-24P-4KS2	NVR5216-16P-4KS2E	NVR5216-8P-4KS2E	NVR5208-8P-4KS2E
Appearance	 V2.00 H.265+	 V2.00 H.265+	 H.265+	 ePoE H.265+	 ePoE H.265+	 ePoE H.265+
Processor	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU	ARM Quad Core CPU
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	16 channel	8 channel	24 channel	16 channel	16 channel	8 channel
Max Input/Record	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps	320Mbps/320Mbps
Max Decoding	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P	4ch@8MP/16ch@1080P
Display	1HDMI, 1VGA	1HDMI, 1VGA	1HDMI, 1VGA	1HDMI, 1VGA	1HDMI, 1VGA	1HDMI, 1VGA
Max HDD	2x10TB	2x10TB	2x10TB	2x10TB	2x10TB	2x10TB
RAID	--	--	--	--	--	--
eSATA/Mini SAS	--	--	--	--	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	4/2	4/2	4/2	4/2	4/2	4/2
Ethernet	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port
PoE	--	--	24 Ports (IEEE802.3at/af) Max. 210W	16 Ports (IEEE802.3at/af) Max. 130W 1-8 PoE ports support ePoE & EoC	8 Ports (IEEE802.3at/af) Max. 130W 1-8 PoE ports support ePoE & EoC	8 Ports (IEEE802.3at/af) Max. 130W 1-8 PoE ports support ePoE & EoC
USB	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0	1 USB3.0, 1 USB2.0
Power	DC12V/4A <9.5W (Without HDD)	DC12V/4A <9.5W (Without HDD)	AC100V~240V <16W (Without HDD)	AC100V~240V <15.2W (Without HDD)	AC100V~240V <15.2W (Without HDD)	AC100V~240V <15.2W (Without HDD)
Star Features	Fisheye Dewarp, POS, P2P	Fisheye Dewarp, POS, P2P	Fisheye Dewarp, POS, P2P, Plug & Play	Fisheye Dewarp, POS, P2P, Plug & Play	Fisheye Dewarp, POS, P2P, Plug & Play	Fisheye Dewarp, POS, P2P, Plug & Play
Artificial Intelligence by Camera						
Perimeter Protection	Supported	Supported	Supported	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported	Supported	Supported	Supported
Video Metadata	Supported	Supported	Supported	Supported	Supported	Supported
SMD Plus	Supported	Supported	Supported	Supported	Supported	Supported
People Counting	Supported	Supported	Supported	Supported	Supported	Supported
Heat Map	Supported	Supported	Supported	Supported	Supported	Supported
ANPR	Supported	Supported	Supported	Supported	Supported	Supported



MNVR Series

MNVR is a special type of video recorder, which can be used in moving and vibrating scenarios to ensure road safety. Equipped with deep-learning algorithm, it features more intelligent functions including ANPR, ADAS, and DSM. It also supports real-time alarm and transmits video or other information via 3G/4G/WiFi, efficiently managing all the vehicles on the road.



Extreme Environment Performance

- Supports Wide-range temperature: -30~75 °C.
- Supports Anti-vibration.



Reliable Power Design

- Supports data writing even after sudden power failure.
- Supports 6V to 36V wide power voltage input.



Wireless Transmission

- Supports transmission of real-time video or alarm via 3G/4G/WiFi.
- Supports GPS module.



AI Functions

- Supports ANPR, Advanced Driver Assistance System, Driver Status Monitoring, as well as Face Comparison in 8 series.

MOBILE NVR

MNVR Series

Model	MNVR8104/8208-I Series	MNVR4104/4208 Series	MXVR4104 Series	MXVR1004 Series
Appearance				
Feature	AI H.265 MNVR	H.265 MNVR	H.265 MXVR	H.265 Dual SD card MXVR
Decode Resolution	4MP	4MP	1080P	1080P
Video Input	4/8 channel+ADAS+DSM	4/8 channel	4 channel aviation connector	4 channel aviation connector
Compression	H.265/smart H.265/H.264/smart H.264	H.265/smart H.265/H.264/smart H.264	H.265/smart H.265/H.264/smart H.264	H.265/smart H.265/H.264/smart H.264
Video Output	VGA, HDMI	VGA, HDMI, TV	VGA, TV	TV
Audio talk	1 channel	1 channel	1 channel	1 channel
HDD	Supports 1/2 SATA HDD	Supports 1/2 SATA HDD	Supports 1 SATA HDD	--
SD Card	1 SD card	1 SD card	1 SD card	2 SD cards
Backup Mode	External USB storage device; network backup	External USB storage device; network backup	External USB storage device; network backup	External USB storage device; network backup
Alarm Input	9 channels (1-8 local alarm, 9 pulse input)	9 channels (1-8 local alarm, 9 pulse input)	9 channels (1-8 local alarm, 9 pulse input)	7 channels (7th is the pulse input)
Alarm Output	1 channel relay output, 1 channel 12V output	1 channel relay output, 1 channel 12V output	1 channel relay output, 1 channel 12V output	1 channel relay output, 1 channel 12V output
USB	2 USB3.0, 1 USB 2.0	3 USB 2.0	3 USB 2.0	2 USB 2.0
Network Interface	RJ45 (10/100/100Mbps) (Front panel)+4 POE; RJ45 (10/100/100Mbps) (Front panel)+8 POE	RJ45 (10/100/100Mbps) (Front panel)+4 POE; RJ45 (10/100/100/1000Mbps) (Front panel)+8 POE	1 RJ45 (Front panel); 1 6-pin aviation connector (Rear panel)	RJ45 (10/100Mbps) (Rear panel)
RS232	2	2	2	1
RS485	1	2	1	1
CAN	1	1	--	--
GPS	optional	optional	optional	optional
3G/4G	optional	optional	optional	optional
WIFI	optional	optional	optional	optional
G-Sensor	gyro	gyro	g-sensor	g-sensor
Power	Built in power DC 6V-36V	Built in power DC 6V-36V	Built in power DC 6V-36V	Built in power DC 6V-36V
Power Off Protection	Built-in UPS	Built-in UPS	Built-in UPS	Built-in UPS
Power Output	≤12W (without HDD)	MNVR4104:<10.2 W (without HDD) MNVR4208:<11.1 W (without HDD)	<8.4W (without HDD)	<6.7W, (without HDD)
Working Temperature	-30°C~+70°C (heater option)	-30°C~+70°C (heater option)	-30°C~+70°C (heater option)	-30°C~+70°C
Size (L × W × H)	180mm×190mm×50mm	180mm×190mm×50mm	180mm×190mm×50mm	160mm×138mm×48mm
Weight	2.1kg (gross weight)	MNVR4104:2.93Kg (gross weight) MNVR4208:3.10Kg (gross weight)	2.83Kg (gross weight)	1.75Kg (gross weight)
Certification	CE/FCC/EN50155/ISO7637-2/ISO16750	CE/FCC/EN50155/ISO7637-2/ISO16750/ E-mark/BIS/EN45545-2	CE/FCC/EN50155/ISO7637-2/ISO16750/BIS	CE/FCC/EN50155/ISO7637-2/ISO16750/BIS