



# IP VIDEO PROJECT PRODUCTS

2020 Ver. 2

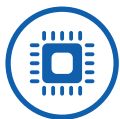
Network Cameras / PTZ / NVR / EVS / Thermal / ITC / Transmission / Display & Control / Accessories / Video Management Software / DORI Distance





# 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







### 16HDD Ultra 4K & H.265 NVR

Model	IVSS7024DR	IVSS7024	IVSS7016DR	IVSS7016	IVSS7008	NVR616DR-128-4KS2
Appearance	 	 	 	 	 	 
Processor	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Quad Core CPU	Intel Dual Core CPU	Intel Quad Core CPU
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IP Video Inputs	256 channel	256 channel	256 channel	256 channel	128 channel	128 channel
Max Input/Record	768Mbps/768Mbps	768Mbps/768Mbps	768Mbps/768Mbps	768Mbps/768Mbps	512Mbps/400Mbps	384Mbps/384Mbps
Max Decoding	6ch@8MP/24ch@1080P	6ch@8MP/24ch@1080P	6ch@8MP/24ch@1080P	6ch@8MP/24ch@1080P	5ch@8MP/20ch@1080P	4ch@8MP/16ch@1080P
Display	3HDMI, 1VGA, LCD	3HDMI, 1VGA	3HDMI, 1VGA, LCD	3HDMI, 1VGA	3HDMI, 2VGA	2HDMI, 1VGA, LCD
Max HDD	24x10TB	24x10TB	16x10TB	16x10TB	8x10TB	16x8TB
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	1/2	1/2	1/2	1/2	1/--	1/1
Audio In/Out	1/1	1/1	1/1	1/1	1/2	1/1, 2-way
Alarm In/Out	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, 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 <144W (Without HDD)	AC100V~240V, <144W (Without HDD)	AC100V~240V, Redundant <122W (Without HDD)	AC100V~240V, <122W (Without HDD)	AC100V~240V <40W (Without HDD)	AC100V~240V, Redundant <51W (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, POS, N+M, P2P
<b>Artificial Intelligence by Camera</b>						
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
People Counting	--	--	--	--	--	Supported
Heat Map	--	--	--	--	--	Supported
ANPR	Supported	Supported	Supported	Supported	Supported	Supported

# NETWORK VIDEO RECORDERS

## Ultra Series

### 16HDD Ultra 4K & H.265 NVR


Model	NVR616R-128-4KS2	NVR616D-128-4KS2	NVR616-128-4KS2	NVR616DR-64-4KS2	NVR616R-64-4KS2	NVR616D-64-4KS2
Appearance	 <span>H.265+</span>	 <span>H.265+</span>	 <span>H.265+</span>	 <span>H.265+</span>	 <span>H.265+</span>	 <span>H.265+</span>
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	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IP Video Inputs	128 channel	128 channel	128 channel	64 channel	64 channel	64 channel
Max Input/Record	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps
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	2HDMI, 1VGA	2HDMI, 1VGA, LCD	2HDMI, 1VGA	2HDMI, 1VGA, LCD	2HDMI, VGA	2HDMI, 1VGA, LCD
Max HDD	16x8TB	16x8TB	16x8TB	16x8TB	16x8TB	16x8TB
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 <51W (Without HDD)	AC100V~240V <51W (Without HDD)	AC100V~240V, Redundant <51W (Without HDD)	AC100V~240V, Redundant <51W (Without HDD)	AC100V~240V <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
<b>Artificial Intelligence by Camera</b>						
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	NVR616-64-4KS2	NVR608R-128-4KS2	NVR608-128-4KS2	NVR608R-64-4KS2	NVR608-64-4KS2	NVR608-32-4KS2
Appearance	 <span>H.265+</span>	 <span>H.265+</span>	 <span>H.265+</span>	 <span>H.265+</span>	 <span>H.265+</span>	 <span>H.265+</span>
Processor	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	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
IP Video Inputs	64 channel	128 channel	128 channel	64 channel	64 channel	32 channel
Max Input/Record	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps	384Mbps/384Mbps
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	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA	2HDMI, 1VGA
Max HDD	16x8TB	8x8TB	8x8TB	8x8TB	8x8TB	8x8TB
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/-
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	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
Power	AC100V~240V <51W (Without HDD)	AC100V~240V, Redundant <40W (Without HDD)	AC100V~240V <40W (Without HDD)	AC100V~240V, Redundant <40W (Without HDD)	AC100V~240V <40W (Without HDD)	AC100V~240V <40W (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
<b>Artificial Intelligence by Camera</b>						
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 RECORDER



# ENABLING A SAFER SOCIETY AND SMARTER LIVING

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\* Design and specifications are subject to change without notice.

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