

NEW Product & New Tech.

ITX Product Line up

4 / 8 / 16ch
Hybrid DVR



I Hybrid DVR

- UTM5HG-B
- UTM6HG-A
- ANF5HG

4 / 8 / 16ch
4K NVR



II 4K H.265 NVR

- IPX-M4B
- IPX-M4A
- IPX-P4

IP / Analog
CAMERA



III 2MP, 3MP, 4MP, 5MP, 4K Camera

- Outdoor Dome
- Indoor Dome
- Mini Outdoor Dome
- Mini Indoor Dome
- Bullet
- Mini Bullet
- Eyeball
- Turret
- Fisheye
- Multi-Sensor
- Long Range Zoom
- Mini PTZ
- PTZ
- Global Shutter
- Global Shutter Zoom

Hybrid DVR

ITX provides very wide range solution for installation



All in One

Entry Level to Professional Level

Standard Protocol(Onvif)

Unified SDK

Web, App(Android, iOS), CMS, VMS

**Sliding Cableless HDD
Installation and replacement**

Anti-Vibration System for HDD Reliability

Analog + EX-SDI + IP

Analog - All in One for convenience

- Support all kind of different analog camera
 - AHD
 - TVI
 - CVI
 - CVBS
- Support all kind of different analog camera resolution

EX-SDI - For better quality

- Better picture quality than analog camera
- Analog noise free
- Long enough cable distance

IP Camera - For adopting new technology from IP

- Easy integration with IP system & Cost effective

Encoder mode

- ITX Hybrid DVR can work as an Encoder mode



All in One

- Support AHD/TVI/CVI/IP video inputs
- Support CVBS Spot Monitor

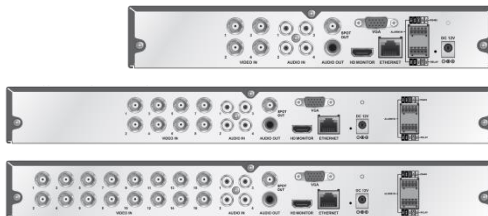




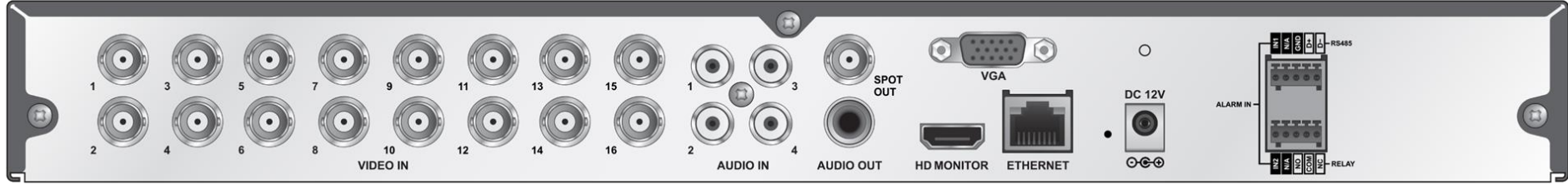
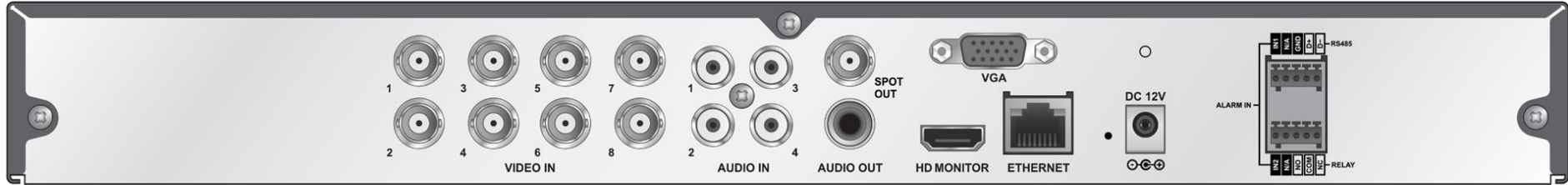
Features

- **Supports H.264 codec**
- **Supports Dual display**
 - 960H, 1M, 2M, 3M, 4M, 5M
- **Supports CVBS Spot Monitor**
- **HDMI and VGA Video Output**
- **Up to Max. 5M recording**
- **All In One**
 - Supports TVI/AHD/CVI/CVBS/IP
- **Supports Various IP Camera by ONVIF**
 - IP Hybrid
 - 4CH : IP+Analog total 4, 8CH : IP+Analog total 8, 16CH : IP+Analog total 16
- **Supports VA**
 - Various Video Analytics function
- **Supports P2P**
 - Direct connection without network setup by QR code scan.
- **Compact Size & easy to install the HDD**
 - 4CH: 1HDD, 8/16CH: 2HDD
 - Slide type HDD install from bottom side

I UTM5HG-B



I UTM5HG-B

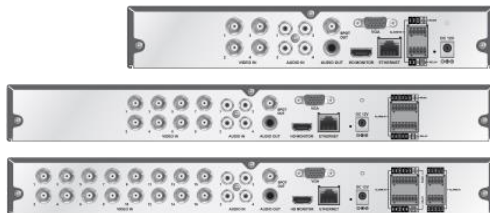




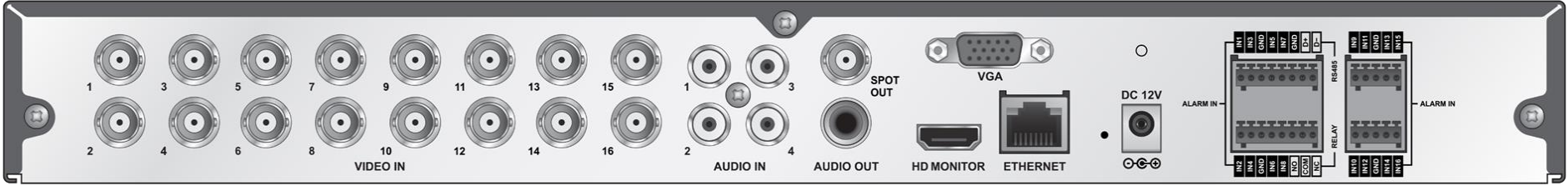
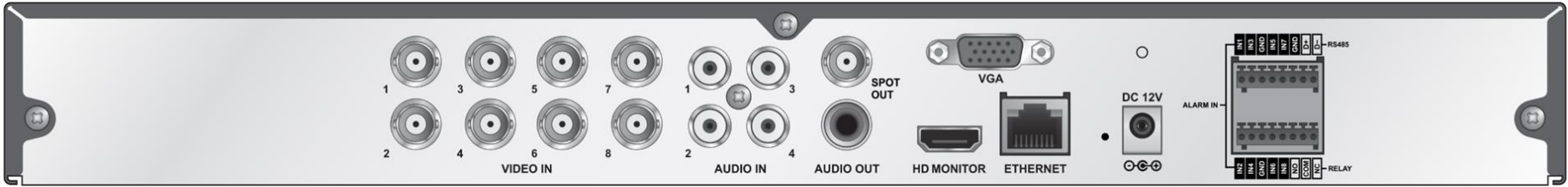
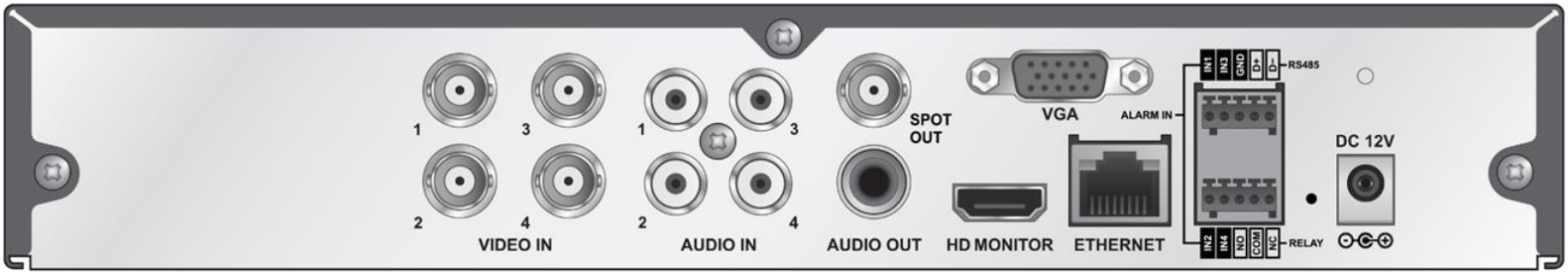
Features

- Supports H.265(TBD) / H.264 codec
- Supports 4K display(TBD) & Dual display
 - 960H, 1M, 2M, 3M, 4M, 5M, 4K(TBD)
- Supports CVBS Spot Monitor
- HDMI and VGA Video Output
- Up to Max. 5M recording
 - Supports Real time recording @ 2M
- All In One
 - Supports TVI/AHD/CVI/CVBS/IP
- Supports Various IP Camera by ONVIF
 - IP Hybrid
 - 4CH : 4+4, 8CH : 8+8, 16CH : Total 16
- Supports VA
 - Various Video Analytics function
- Supports P2P
 - Direct connection without network setup by QR code scan.
- Compact Size & easy to install the HDD
 - 4CH: 1HDD, 8/16CH: 2HDD
 - Slide type HDD install from bottom side

I UTM6HG-A



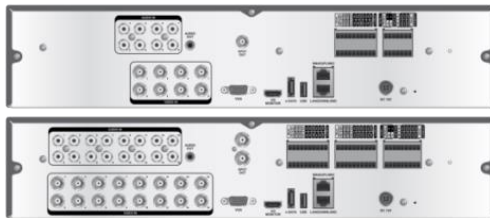
I UTM6HG-A





2U

I ANF5HG



Features

- **Supports H.264 codec**
- **Supports Dual display**
 - 960H, 1M, 2M, 3M, 4M, 5M
- **Supports CVBS Spot Monitor**
- **HDMI and VGA Video Output**
- **Up to Max. 5M recording**
 - Supports Real time recording @ 2M
- **All In One**
 - Supports TVI/AHD/CVI/AVBS/IP
- **Supports Various IP Camera by ONVIF**
 - IP Hybrid
 - 8CH : IP+Analog total 8, 16CH : IP+Analog total 16
- **Supports VA**
 - Various Video Analytics function
- **Supports P2P**
 - Direct connection without network setup by QR code scan.
- **2EA Network Port(WAN/LAN)**
- **Max. 5EA HDD with RAID5**

NVR NVR Development Strategy



Up to 16CH(32CH)

Real-time encoding up to 8MP/CH

Onvif

5HDD Bay(IPX P4)

8M(4K) Real Time Support

- Real-time / recording display 4K Video
- Supports UHD Monitor

H.265

As the resolution of the camera increases, efficient CODEC selection is essential.

Special Solution

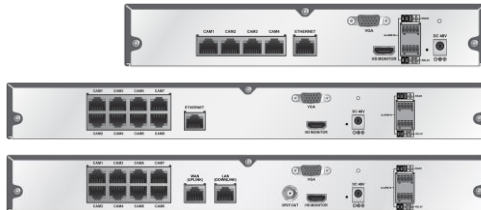
We are planning to use high performance CPU to support various additional applications. Advanced application such as Multi-Sensor Application, VA(Deep learning)



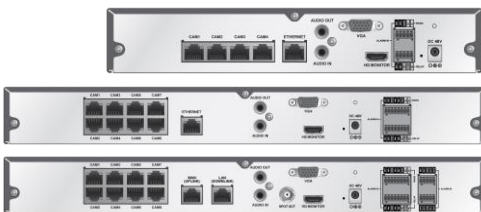
Features

- Supports H.265/H.264 codec
- Supports 4K display
 - 1M, 2M, 3M, 4M, 5M, 4K
- HDMI and VGA Video Output
- Up to Max. 4K recording
 - Up to 8M(Depend on IP Camera)
- Supports Various IP Camera by ONVIF
 - Third Party camera by ONVIF
- Supports VA
 - Various Video Analytics function
- Supports P2P
 - Direct connection without network setup by QR code scan.
- Compact Size & easy to install the HDD
 - 4CH : 1HDD, 8/16CH : 2HDD
 - Slide type HDD install from bottom side
- Differences between M4A & M4B
 - Audio & Alarm in/out No.

I IPX-M4B

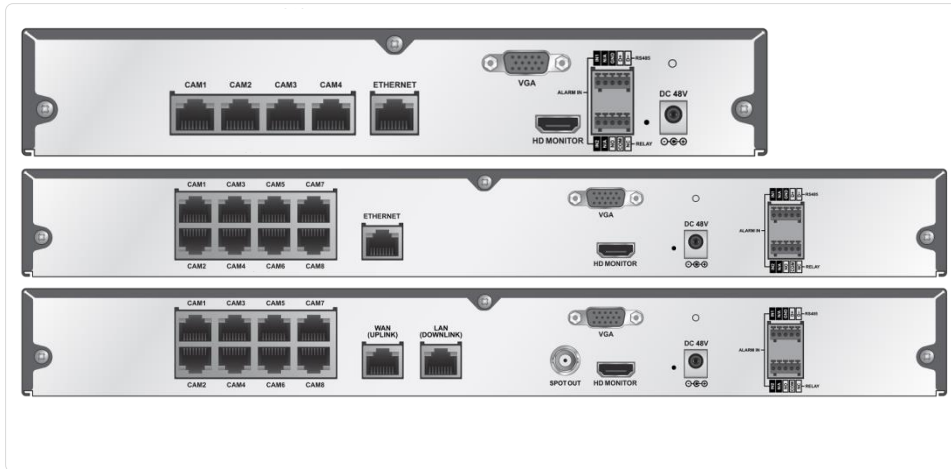


II IPX-M4A

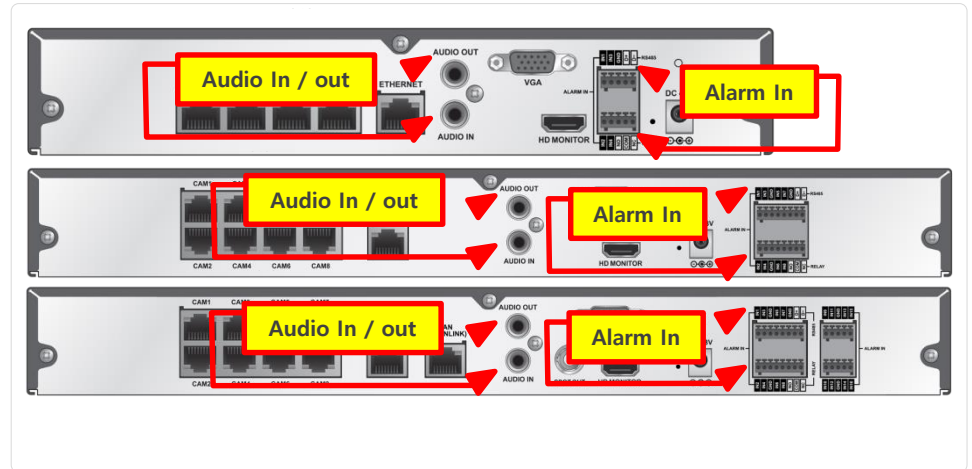


○ Differences between M4B & M4A

I IPX- M4B

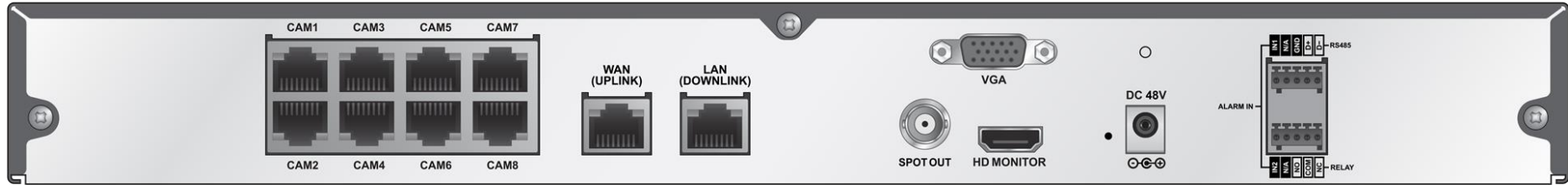
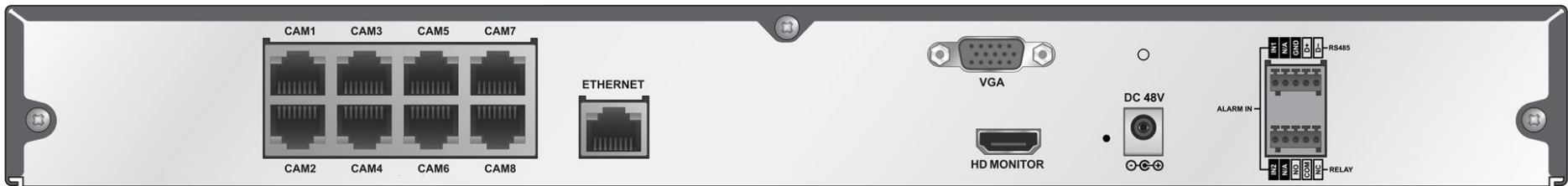
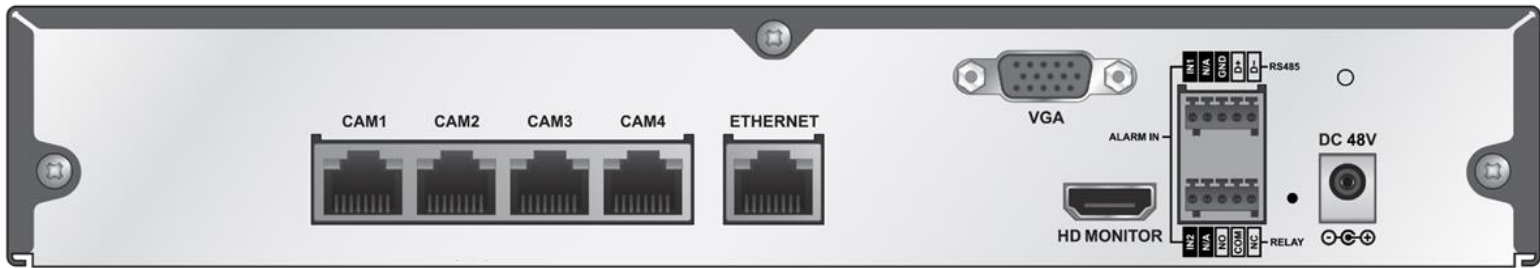


II IPX- M4A

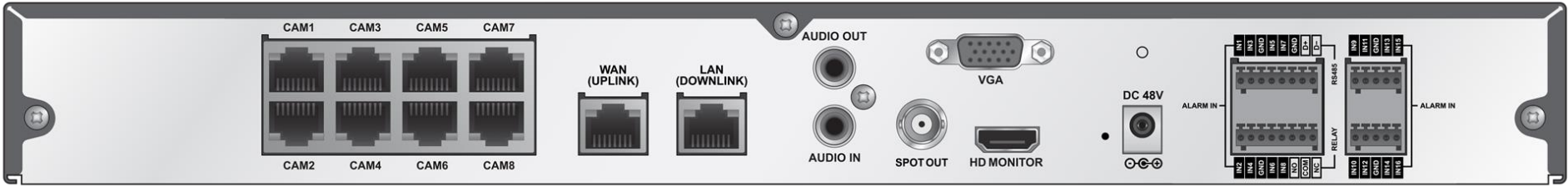
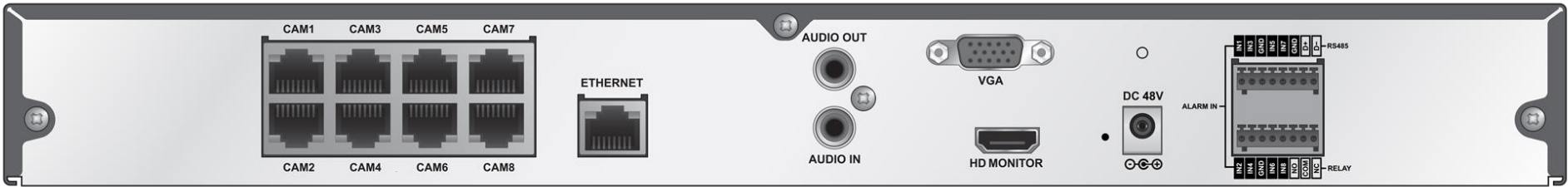
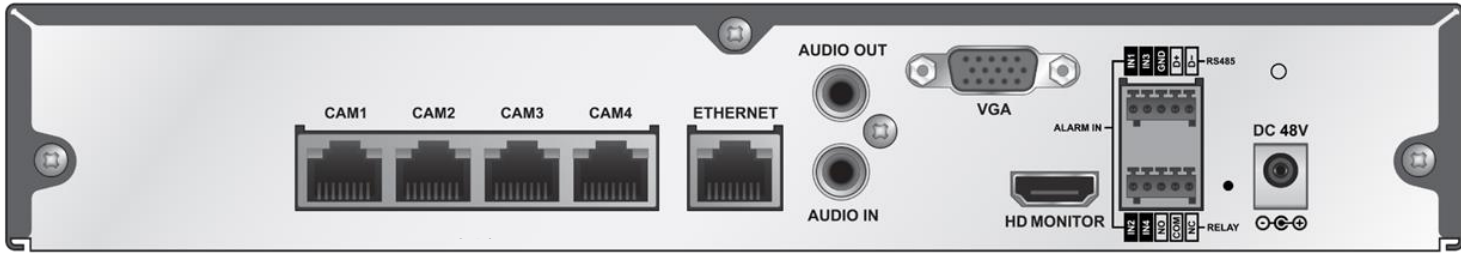


		IPX-M4B	IPX-M4A
AUDIO	INPUT SIGNAL	4CH (From IP Cam) 8CH (From IP Cam) 16CH (From IP Cam)	4CH (From IP Cam) / 1(LINE/MIC) 8CH (From IP Cam) / 1(LINE/MIC) 16CH (From IP Cam) / 1(LINE/MIC)
	OUTPUT SIGNAL	-	1CH
ALARM	ALARM INPUT	4 CH (IP) (Depend on IP Camera) / 2 IN 8 CH (IP) (Depend on IP Camera) / 2 IN 16 CH (IP) (Depend on IP Camera) / 2 IN	4 CH (IP) (Depend on IP Camera) / 4 IN 8 CH (IP) (Depend on IP Camera) / 8 IN 16 CH (IP) (Depend on IP Camera) / 16 IN
INTERFACE	RS-485	-	1

I IPX- M4B



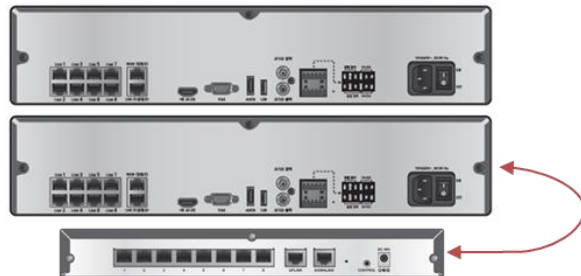
II IPX- M4A





Features
















I IPX-P4



- **Supports H.265/H.264 codec**
- **Supports 4K display**
 - 1M, 2M, 3M, 4M, 5M, 4K
- **Up to Max. 4K recording**
 - Up to 8M(Depend on IP Camera)
- **Supports Various IP Camera by ONVIF**
 - Third Party camera by ONVIF
- **FW Upgradable up to 32ch**
 - under development
- **Supports VA**
 - Various Video Analytics function
- **Supports P2P**
 - Direct connection without network setup by QR code scan.
- **2EA Network Port(WAN/LAN)**
- **Max. 5EA HDD with RAID5**

IP CAMERA

II Product Line-up

MODEL	 ASO	 ASI	 AMO	 AMI	 CMB	 CSB	 ABE	 ABT	 CFE	 CMSC	 CSBZ	 CMDP	 CPT	 GSC	 GSCZ
	Outdoor Dome	Indoor Dome	Mini Outdoor	Mini Indoor	Mini Bullet	Bullet	Eyeball	Turret	Fisheye	Multi-Sensor	Long Range Zoom	Mini PTZ	PTZ	Global Shutter	Global Shutter Zoom
2M	✓	✓	TBD	✓	✓	✓	✓	✓			✓	✓	✓		
3M														✓	✓
4M	✓	✓	✓	✓	✓	✓	✓	✓							
5M	TBD	TBD	TBD	TBD	TBD	TBD	TBD		✓					✓	✓
8M	✓	✓	TBD	TBD	TBD	✓	✓	✓							
12M									✓						
16M										✓					
32M										✓					



I ASO / OUTDOOR DOME

2ML 2MP 2ME 4ML 4MP 4ME 8M



Features

- H.265, H.264, JPEG, VBR+
- 8M(3840X2160) 30FPS Resolution(ASO-8M)
- IR Range(30m) , Smart IR
- Lens (MFZ)
- T-WDR
- Day&Night (Removable IR Cut Filter)
- Alarm/Audio Interface, SD Card
- PoE, DC12V, AC24V
- IP66/IK10
- Analog Video Out
- Support ONVIF

II ASI / INDOOR DOME

2ML 2MP 2ME 4ML 4MP 4ME 8M



Features

- H.265, H.264, JPEG, VBR+
- 8M(3840X2160) 30FPS Resolution(ASI-8M)
- IR Range(15m) , Smart IR
- Lens (MFZ)
- T-WDR
- Day&Night (Removable IR Cut Filter)
- Alarm/Audio Interface, SD Card
- PoE, DC12V, AC24V
- Analog Video Out
- Support ONVIF



I AMO / MINI OUTDOOR DOME

2F 2FL 4F 4FE



Features

- H.265, H.264, JPEG, VBR+
- 4M(2592X1520) 15FPS Resolution
- IR Range(15m) , Smart IR
- Lens (Fixed)
- T-WDR
- Day&Night (Removable IR Cut Filter)
- Alarm/Audio Interface, SD Card
- PoE, DC12V
- IP66/IK10
- Analog Video Out
- Support ONVIF

II AMI / MINI INDOOR DOME

2F 2FL 4F 4FE



Features

- H.265, H.264, JPEG, VBR+
- 4M(2592X1520) 15FPS Resolution(AMI4F)
- IR Range(15m) , Smart IR
- Lens (Fixed)
- T-WDR
- Day&Night (Removable IR Cut Filter)
- Alarm/Audio Interface, SD Card
- PoE, DC12V
- Analog Video Out
- Support ONVIF



I CMB / MINI IR BULLET

2F 2FL 4F 4FE



Features

- H.265, H.264, JPEG, VBR+
- 4M(2592X1520) 15FPS Resolution(CMB-4F)
- IR Range(30m) with 4EA, Smart IR
- Lens (Fixed)
- T-WDR
- Day&Night (Removable IR Cut Filter)
- PoE, DC12V
- IP66
- Analog Video Out
- Support ONVIF

II CSB / IR BULLET

2MP 4MP 4ME 8M



Features

- H.265, H.264, JPEG, VBR+
- 8M(3840X2160) 30FPS Resolution(CSB-8M)
- IR Range(30m) with 4EA, Smart IR
- Lens (MFZ)
- T-WDR
- Day&Night (Removable IR Cut Filter)
- Alarm/Audio Interface, SD Card
- PoE, DC12V
- IP66
- Analog Video Out
- Support ONVIF



I

ABE / EYEBALL

2ML 2ME 4F 4ML 8M



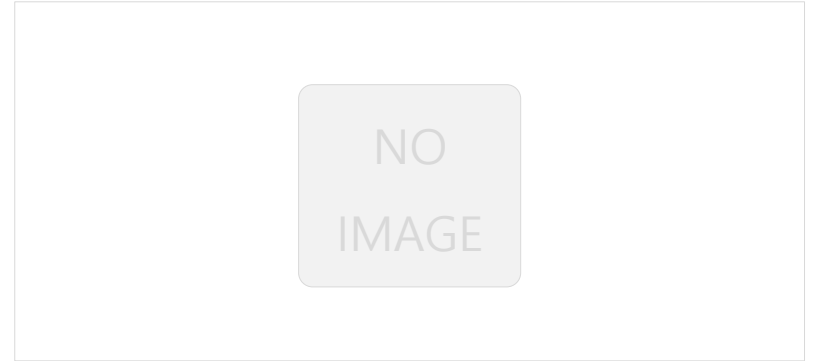
Features

- H.265, H.264, JPEG, VBR+
- 8M(3840X2160) 30FPS Resolution(ABE-8M)
- IR Range(30m) with 4EA, Smart IR
- Lens (Fixed & MFZ), T-WDR
- Day&Night (Removable IR Cut Filter)
- Alarm/Audio Interface, SD Card
- PoE, DC12V
- IP66
- Analog Video Out
- Support ONVIF

II

ABT / TURRET

2ML 4F 4ML 8M



Features

- H.265, H.264, JPEG, VBR+
- 4M(2592X1520) 15FPS Resolution(ABT-4F/4ML)
- IR Range(30m) with 4EA, Smart IR
- Lens (Fixed & MFZ), T-WDR
- Day&Night (Removable IR Cut Filter)
- Alarm/Audio Interface, SD Card
- PoE, DC12V
- Analog Video Out
- Support ONVIF

I CFE-5 / Fisheye

5M



Features

- H.265, H.264, JPEG, VBR+
- 5M(2592 x 1944) 30FPS Resolution
- IR Range(5m), Smart IR
- 360 Fisheye lens, T-WDR
- Day&Night(Removable IR Cut Filter)
- Alarm/Audio Interface, SD Card
- PoE, DC12V
- IP66
- Analog Video Out
- Support ONVIF

II CFE-12 / Fisheye

12M



Features

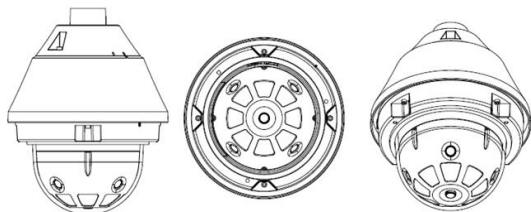
- H.265, H.264, JPEG, VBR+
- 12M(4000 x 3000) 30FPS Resolution
- IR Range(5m), Smart IR
- 360 Fisheye lens, T-WDR
- Day&Night(Removable IR Cut Filter)
- Alarm/Audio Interface, SD Card
- PoE, DC12V
- IP66
- Analog Video Out
- Support ONVIF



I CMSC / Multi-Sensor

16M 32M

TBD



Features

- Quad core 64-bit CPU
- H.265, H.264, JPEG, VBR+
- Supports Camera-side stitching
- High-end Smart Vision Platform
- Day&Night(Removable IR Cut Filter)
- PoE, DC12V, AC24V
- Analog Video Out
- Supports ONVIF

I CSBZ / Long Range Zoom

2M



Features

- Extended IR Range
- 2 megapixel resolution (1920 x 1080)
- H.265, H.264, JPEG, VBR+
- 20x zoom module
- Supports Camera-side stitching
- High-end Smart Vision Platform
- Day&Night(Removable IR Cut Filter)
- PoE, DC12V
- IP66
- Analog Video Out
- Supports ONVIF

I CPTI-2Z10IPP / Indoor IP Speed Dome

2M



Features

- 1/2.8" Sony Exmor CMOS Sensor, IP output : 1080P
Color : 0.5 lux , B/W : 0.1 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 10x optical, 32x digital zoom;
- 254 Presets, 4 Patterns, 8 Scans, 8 Groups,
- 8 Privacy masks.
Pan : 360 (endless) / Tilt : 180, Auto : 360/sec.
- Manual : 0.05~180/sec.
1 CH Alarm Input, 1 CH Alarm Output.
- DC12V&AC24V ; PoE

II CPTI-2Z10ADP / All-in-One Indoor Speed Dome

2M



Features

- 1/2.8" Sony Exmor CMOS Sensor, AHD/TVI/
CVI/HD-SDI/EX-SDI output : 1080P, Analog : 700TVL
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 10x optical, 32x digital zoom;
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups,
8 Privacy masks.
Pan : 360 (endless) / Tilt : 180, Auto : 400/sec.
Manual : 0.05~300/sec.
- DC12V&AC24V

I CPTO-2Z10IPP / Outdoor Speed Dome

2M



Features

- 1/2.8" Sony Exmor CMOS Sensor, IP output : 1080P
- Color : 0.5 lux , B/W : 0.1 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 10x optical, 32x digital zoom;
- 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks.
- Pan : 360 (endless) / Tilt : 180, Auto : 360/sec. Manual : 0.05~180/sec.
- 1 CH Alarm Input, 1 CH Alarm Output.
- DC12V&AC24V; PoE

II CPTO-2Z10ADP / Outdoor Speed Dome

2M



Features

- 1/2.8" Sony Exmor CMOS Sensor, AHD/TVI/CVI/HD-SDI/EX-SDI output : 1080P, Analog : 700TVL
- Color : 0.5 lux , B/W : 0.1 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 10x optical, 32x digital zoom;
- 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks.
- Pan : 360 (endless) / Tilt : 180, Auto : 360/sec. Manual : 0.05~180/sec.
- DC12V&AC24V



III CPTO-2Z20ADE / Non-IR Speed Dome

2M



Features

- 1/2.8" Sony Starvis CMOS Sensor, AHD/TVI/CVI/HD-SDI/EX-SDI output : 1080P, Analog : 700TVL
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 20x optical, 32x digital zoom;
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks.
- Pan : 360 (endless) / Tilt : 90° (Auto-Flip Off), 180° (Auto-Flip On), Auto : 300/sec., Manual : 0.05~300/sec.
- 8 CH Alarm Input, 4 CH Alarm Output.
- DC12V&AC24V ; Dual voltage.

IV CPTO-2Z30ADE / Non-IR Speed Dome

2M



Features

- 1/2.8" Sony Starvis CMOS Sensor, AHD/TVI/CVI/HD-SDI/EX-SDI output : 1080P, Analog : 700TVL
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 30x optical, 32x digital zoom;
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks.
- Pan : 360 (endless) / Tilt : 90° (Auto-Flip Off), 180° (Auto-Flip On), Auto : 300/sec., Manual : 0.05~300/sec.
- 8 CH Alarm Input, 4 CH Alarm Output.
- DC12V&AC24V ; Dual voltage.



I CPTO-2Z20IPRE / Outdoor IR Speed Dome

2M



II CPTO-2Z30IPRE / Outdoor IR Speed Dome

2M



Features

- 1/2.8" Sony Starvis CMOS Sensor, IP output : 1080P
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 20x optical, 32x digital zoom ; 9pcs Led, IR distance : 150M
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks.
- Pan : 360 (endless) / Tilt : 130, Auto : 300/sec.
Manual : 0.05~300/sec.
- 8 CH Alarm Input, 4 CH Alarm Output.
- DC12V&AC24V ; Dual voltage.

Features

- 1/2.8" Sony Starvis CMOS Sensor, IP output : 1080P
- Color : 0.5 lux , B/W : 0.1 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 30x optical, 32x digital zoom ; 9pcs Led, IR distance : 150M
- Up to 255 Presets, 4 Patterns, 8 Scans, 8 Groups, 8 Privacy masks.
- Pan : 360 (endless) / Tilt : 130, Auto : 360/sec.
Manual : 0.05~180/sec.
- 8 CH Alarm Input, 4 CH Alarm Output.
- DC12V&AC24V ; Dual voltage.



III CPTO-2Z20ADRE / Outdoor IR Speed Dome

2M



Features

- 1/2.8" Sony Starvis CMOS Sensor, AHD/TVI/CVI/HD-SDI/EX-SDI output : 1080P, Analog : 700TVL
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 20x optical, 32x digital zoom ; 9pcs Led, IR distance : 150M
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks.
- Pan : 360 (endless) / Tilt : 130, Auto : 300/sec. Manual : 0.05~300/sec.
- 8 CH Alarm Input, 4 CH Alarm Output.
- DC12V&AC24V ; Dual voltage.

IV CPTO-2Z30ADRE / Outdoor IR Speed Dome

2M



Features

- 1/2.8" Sony Starvis CMOS Sensor, AHD/TVI/CVI/HD-SDI/EX-SDI output : 1080P, Analog : 700TVL
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 30x optical, 32x digital zoom ; 9pcs Led, IR distance : 150M
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks.
- Pan : 360 (endless) / Tilt : 130, Auto : 300/sec. Manual : 0.05~300/sec.
- 8 CH Alarm Input, 4 CH Alarm Output.
- DC12V&AC24V ; Dual voltage.



I CPTO-2Z36IPLE / Starlight & Laser Light Speed Dome

2M



Features

- 1/1.9" Sony Starlight Image Sensor, IP output : 1080P
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 36x optical, 32x digital zoom ; 1pcs IR Led, 1 pcs Laser Light (distance: min. 300M)
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks
- Pan : 360 (endless) / Tilt : 115, Auto : 300/sec, Manual : 0.05~300/sec
- 8 CH Alarm Input, 4 CH Alarm Output
- DC12V&AC24V ; Dual voltage

II CPTO-2Z36IPRE / Starlight & IR LED Speed Dome

2M



Features

- 1/1.9" Sony Starlight Image Sensor, IP output : 1080P
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 36x optical, 32x digital zoom ; 12pcs IR Led, (distance: min. 200M)
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks
- Pan : 360 (endless) / Tilt : 115, Auto : 300/sec, Manual : 0.05~300/sec
- 8 CH Alarm Input, 4 CH Alarm Output
- DC12V&AC24V ; Dual voltage



III CPTO-2Z36ADLE / Starlight & Laser Light Speed Dome

2M



Features

- 1/1.9" Sony Starlight Image Sensor, AHD/TVI/ CVI/HD-SDI/EX-SDI output : 1080P, Analog : 700TVL
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 36x optical, 32x digital zoom ; 1pcs IR Led, 1 pcs Laser Light (distance: min. 300M)
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks
- Pan : 360 (endless) / Tilt : 115, Auto : 300/sec, Manual : 0.05~300/sec
- 8 CH Alarm Input, 4 CH Alarm Output
- DC12V&AC24V ; Dual voltage

IV CPTO-2Z36ADRE / Starlight & IR LED Speed Dome

2M



Features

- 1/1.9" Sony Starlight Image Sensor, AHD/TVI/ CVI/HD-SDI/EX-SDI output : 1080P, Analog : 700TVL
- Color : 0.2 lux , B/W : 0.05 lux
- Color DSS : 0.002lux, B/W DSS : 0.001Lux
- 36x optical, 32x digital zoom ; 12pcs IR Led, (distance: min. 200M)
- Up to 255 Presets, 8 Patterns, 8 Scans, 8 Groups, 8 Privacy masks
- Pan : 360 (endless) / Tilt : 115, Auto : 300/sec, Manual : 0.05~300/sec
- 8 CH Alarm Input, 4 CH Alarm Output
- DC12V&AC24V ; Dual voltage