





## Specification

### IP+ NVR

Product Image								
Model Name	SCB-IP+01	SCB-IP+04	SCB-IP+08	SCB-IP+12	SCB-IP+16	SCB-IP+25	SCB-IP+32	SCB-IP+36
IP License	1	4	8	12	16	25	32	36

\*1. The maximum number of camera connections depends on the server's hardware configuration and the total bit rate of the IP cameras. Please check NUUO Calculator on <http://www.nuuo.com/wiki.php>

### Hybrid Appliance

Product Image			
Model Name	NH-4500-PRO	NH-4500-ENT	NH-4500-EXT
CPU Model	Intel Haswell i5-4570S, 2.9GHz	Intel Haswell i7-4770S, 3.1GHz	Intel Xeon E5-2620, 2.0GHz
Maximum Channel	64		
Capture Card	SCB-6000S, SCB-7000S, SCB-7100, SCB-8000 Series		
Recording Performance	Please use our online calculator tool for estimation: <a href="http://www.nuuo.com/calculator/">http://www.nuuo.com/calculator/</a>		
Operating System	Windows 7 Professional 64 bit / Windows 7 Ultimate 64 bit		
Compression	H.264, MPEG-4, MJPEG, MxPEG (depends on IP camera)		
Remote Client	Remote Live Viewer (Software), Remote Live Viewer ( Web), NViewer (Mobile App)		
Remote Client OS	Windows 2008, Windows XP (32-bit), Vista (32-bit), Win7, Win8, Win8.1 (32 and 64-bit)		
Mobile Client Platform	iPhone, iPad, Android		
HDD Bays	4 bays	6 bays	8 bays
External Storage		iSCSI	
Ethernet Port	2 x Gigabit Ports, RJ45		
External Ports	2x USB 3.0, 4x USB 2.0	2x USB 3.0, 4x USB 2.0	2x USB 3.0, 6x USB 2.0
Audio	Two - way		
Voltage	100 - 240V		
Power Consumption	400w	400w	700w
Dimensions (H x W x D)	177 x 482 x 502 mm	177 x 482 x 502 mm	177 x 482 x 600 mm
Weight (without HDD)	17.6 kg (38.8lbs)	17.6 kg (38.8lbs)	21 kg (46.2 lbs)
Temperature (Operating with HDD)	0° C ~ 40°C (32°F ~ 104°F)		
Humidity (Operating)	5% ~ 95%		
Supported Languages	Albania, Bulgarian, Chinese (Simplified), Chinese (Traditional), Croatian, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Hebrew, Hungarian, Italian, Japanese, Korean, Norway, Polish, Portuguese (Brazil), Portuguese (Portugal), Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish		

## Specification

### Capture Cards



#### HD SDI H.264 Hardware Compression Capture Card SCB 8000 Series

Model Name	SCB-8004HD
Video Inputs	4
Max. Cards Per Server	4 (can be with 6000S/7000S series for more channels)
Display Rate (NTSC/PAL)	120 fps @ 1080p / 100 fps @ 1080p
Recording Rate	120 fps @ 1080p
Power Consumption	20W
Video Resolution	1080p, 720p
Dimensions (W x H)	178 x 126 mm

Product Image	
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#### H.264 Hardware Compression Capture Card SCB 7100 Series

Model Name	SCB-7108	SCB-7116
Video/Audio Inputs	8 / 8	16 / 16
Max. Cards Per Server	1 (can be with 6000 / 6000S / 7000 / 7000S series for more channels)	
Display Rate (NTSC/PAL)	240 / 200 fps	480 / 400 fps
Recording Rate [D1] (NTSC/PAL)	240 / 200 fps	480 / 400 fps
Power Consumption	8W	9W
TV Output Rate	25fps (RCA only), 14fps (Digital Port only), 10fps (RCA & Digital Port)	
TV Output	RCA connector x2, Digital Port connector x1	
Video Resolution	NTSC : 176 x120, 352 x 240, 704 x 480, PAL : 176 x 144, 352 x 288, 704 x 576	
Dimensions (W x H)	216 x 126 mm	

Product Image		
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#### H.264 Hardware Compression Capture Card SCB 7000S Series

Model Name	SCB-7004S	SCB-7008S	SCB-7016S
Video/Audio Inputs	4 / 4	8 / 8	16 / 16
Max. Cards Per Server	4	4	4
Display Rate (NTSC/PAL)	120 / 100 fps	240 / 200 fps	480 / 400 fps
Recording Rate [D1] (NTSC/PAL)	120 / 100 fps	240 / 200 fps	480 / 400 fps
Power Consumption	7W	8W	9W
Video Resolution	NTSC : 176 x120, 352 x 240, 704 x 480, PAL : 176 x 144, 352 x 288, 704 x 576		
Dimensions (W x H)	188 x 121 mm		

Product Image			
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#### H.264 Hardware Compression Capture Card SCB 6000S Series

Model Name	SCB-6004S	SCB-6008S	SCB-6016S
Video/Audio Inputs	4 / 4	8 / 8	16 / 16
Max. Cards Per Server	4	4	4
Display Rate (NTSC/PAL)	120 / 100 fps	240 / 200 fps	480 / 400 fps
Recording Rate [CIF] (NTSC/PAL)	120 / 100 fps	240 / 200 fps	480 / 400 fps
Recording Rate [D1] (NTSC/PAL)	30 / 25 fps	60 / 50 fps	120 / 100 fps
Power Consumption	7W	8W	9W
Video Resolution	NTSC : 176 x120, 352 x 240, 704 x 480, PAL : 176 x 144, 352 x 288, 704 x 576		
Dimensions (W x H)	188 x 121 mm		

Product Image			
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#### About NUUO

Founded in 2004, NUUO Inc. is one of the leading global surveillance solution providers known for its reliability, prompt service and innovative spirit. NUUO's VMS and NVR solutions offer comprehensive recording, monitoring, and seamless 3<sup>rd</sup> party solution integration for IP and analog cameras.

# Mainconsole

## FLEXIBLE • INTELLIGENT • POWERFUL



The Flexible Analog & IP Integration Choice

Analog & IP Camera Compatible

Seamless 3<sup>rd</sup> Party Integration

Advanced Video Analytics



## Upgrading doesn't Mean Abandoning Old Cameras

NUUO Mainconsole is the best choice when you have existing older analog systems but wants to upgrade to IP cams. It provides seamless integration between older and newer types of cameras. Mainconsole is also flexible. Choose from software + capture card option or software + capture card + certified hybrid machines to ensure optimum performance. The configuration option is limitless.



## Feature Highlights

- POS , I/O device , LPR and access control integration
- Advanced & embedded video analytics
- Smart Guard detection of 6 events with 11 instant responses
- Supports camera multi-stream function in both live view and playback
- Supports dual recording
- Counting application
- Playback intelligent search
- Windows active directory
- Privacy mask
- Dual password validation
- iPhone, iPad, Android ( Liveview, 1CH playback and push notification)
- E-map
- Digital watermark
- Boost recording
- Flexible video recycle management options
- Edge motion detection from network camera<sup>\*1</sup>
- OnGuard (software watchdog)
- Failover recording server
- Auto backup
- Automatically reports counting results
- Digital PTZ and camera multi-view
- Friendly GUI recording schedule
- Two-way audio

\*1. Check [http://www.nuuo.com/SupportCamera.php?node\\_id=4#3](http://www.nuuo.com/SupportCamera.php?node_id=4#3) for Mainconsole camera support list

## Analog & IP Cam Compatible



With video capture cards that allow connection using Ethernet or coaxial cables to connect, NUUO Mainconsole is able to handle inputs from different types of cameras regardless of their type.

## Seamless 3<sup>rd</sup> Party Integration



Mainconsole can be a solution platform that allows easy 3rd party integration such IVS, POS, Access control, and LPR. With a plethora of connection choices and metadata applications, Mainconsole is your best choice for seamless integration.

## Flexible Tri-Brid Solution



NUUO Mainconsole comes with built in video analytics (IVS) function. This means as long as you connect a supported camera, you can enjoy the benefits of IVS even if the camera itself does not have such functions included !

## Advanced Video Analytics

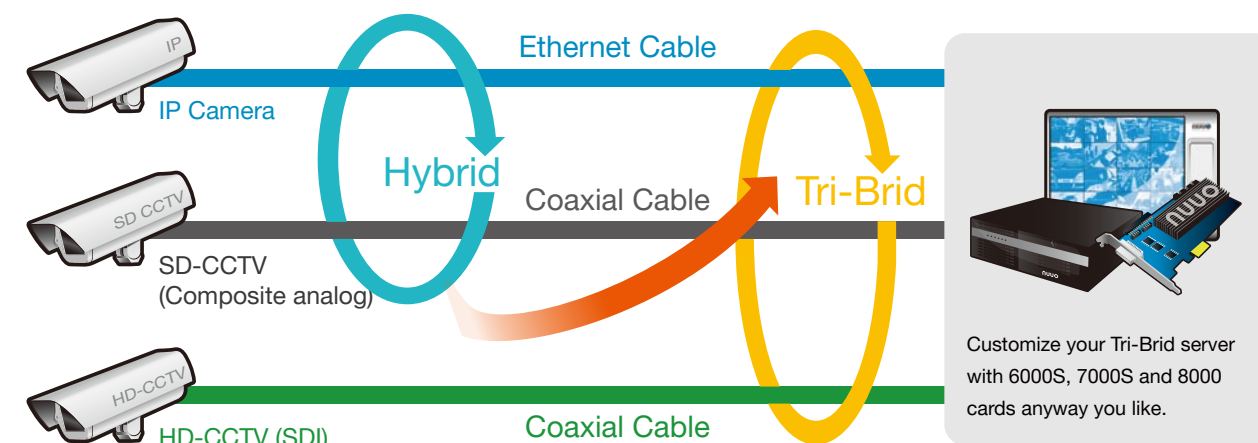


## Mainconsole Save Bank Upgrade Cost

Thousands of travelers pass through airports every day, managing such a highly complex area requires a flexible and efficient surveillance system that scales well, has a highly customizable alarm system, and efficiently runs backups. In our Italian client's case, they deployed NUUO Mainconsole hybrid solution along with CMS to centrally monitor all the cameras from video matrix and oversee alarm events with E-map alarm response system. Adopt CMS to manage your large scale projects and experience the same benefits starting now.

Client Case Study

## Tri-Brid Solution



## System Architecture

