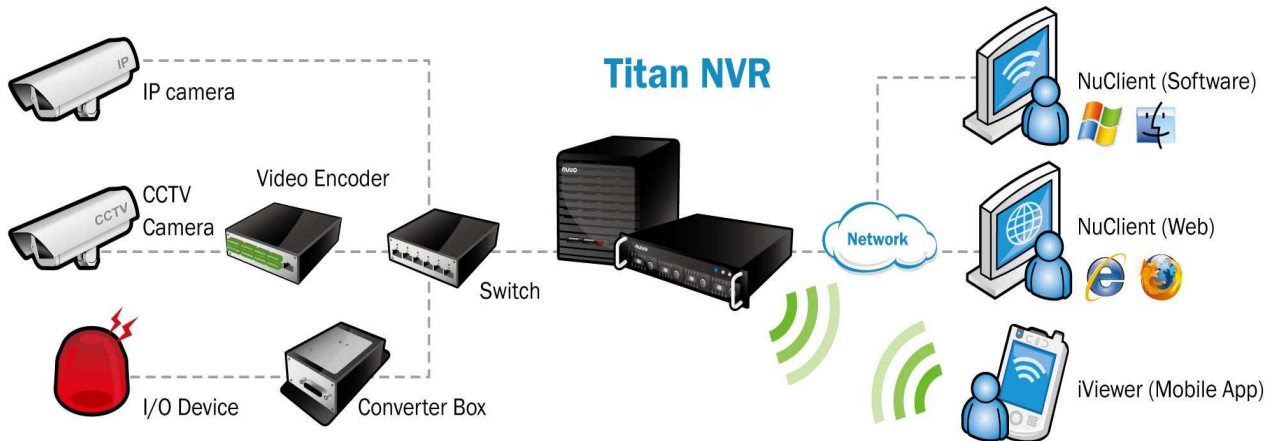


## Crystal Series



Features/Support	NT-4040	NT-4040R	NT-8040R (Coming soon!)	NT-8040RP (Coming soon!)
Hardware Style	Tower	1U	2U	2U
CPU	Intel Atom	Intel Atom	Intel Core i5	Intel Core i5
RAM	4G	4G	8G	8G
Removable HDD Trays	4xSATA II	4xSATA II	8xSATA II	8xSATA II
Max internal storage	12TB	12TB	24TB	24TB
Redundant power	X	X	X	V
Server Operating System	Linux	Linux	Linux	Linux
Client Operating System	Windows XP (32-bit) / Win7 (32 and 64-bit) / Mac OS X v10.6 and v10.7			
Number of Cameras per Recording Serve	64*	64*	64	64
Maximum Number of Camera per Monitor	100 (10*10)	100 (10*10)	100 (10*10)	100 (10*10)

# Crystal series - Titan Spec Sheet



V1.3 / 2012.05.01 / NT-4040, NT-4040R, NT-8040R, NT-8040RP

Maximum Number of Camera per NuClient	400	400	400	400
ONVIF Device Support	V	V	V	V
Video Compression	H.264, MPEG4, MJPEG	H.264, MPEG4, MJPEG	H.264, MPEG4, MJPEG	H.264, MPEG4, MJPEG
Multiple Stream Profile	V	V	V	V
Automatic Camera Model Detection	V	V	V	V
Supported Camera Brand (DP v2.0)	50	50	50	50
Supported Camera Model (DP v2.0)	1723	1723	1723	1723
Edge Motion	V	V	V	V
Intuitive Emap	V	V	V	V
I/O Control	V	V	V	V
Audio Recording (Listen)	V	V	V	V
PTZ control	V	V	V	V
Support Panomorph PTZ (360°)	V	V	V	V
Image Fusion	V	V	V	V
Record on Schedule	V	V	V	V
Record on Event	V	V	V	V
Smart Search and Playback	V	V	V	V
Central User Privilege	V	V	V	V
Web Client	Internet Explorer 8 and later, Firefox 4.0-9.0 (Windows version)			
Mobile Client	iPhone, iPad, Android			
Auto/ Manual Backup	V	V	V	V
Export	AVI, ASF, MOV			
Number of Spot-out for Live Viewing	16	16	16	16
Dual LAN	V	V	V	V
RAID	0,1,5,10			
Watermark	V	V	V	V
Watchdog	V	V	V	V
Instant Liveview / Playback	V	V	V	V
<b>System</b>				
Configuration Wizards	V	V	V	V
Automatic Device Scanning	V	V	V	V
Automatic Device Model Detection	V	V	V	V
Log Tool	V	V	V	V
Transfer license (New!)	V	V	V	V
License Management	V	V	V	V
<b>PTZ</b>				
Point and click control (by camera)	V	V	V	V
Goto Preset Positions	V	V	V	V
Digital PTZ	V	V	V	V

# Crystal series - Titan Spec Sheet



V1.3 / 2012.05.01 / NT-4040, NT-4040R, NT-8040R, NT-8040RP

Support Immervision PTZ (360°)	V	V	V	V
Support VIVOTEK Fisheye camera (New!)	V	V	V	V
Joystick support	V	V	V	V
<b>LiveView</b>				
Public/Private View	V	V	V	V
Max Content Per View	100	100	100	100
Hide Toolbar	V	V	V	V
View Tour	V	V	V	V
Snapshot	V	V	V	V
Instant Playback	V	V	V	V
<b>Recording &amp; Backup</b>				
Manual Record	V	V	V	V
Always Record	V	V	V	V
Schedule Record	V	V	V	V
Record on Event	V	V	V	V
Recording to Storage Area Networks(SAN: iSCSI)**	V	V	V	V
Recording to DAS (eSATA)**	V	V	V	V
Backup to FTP	V	V	V	V
Pre-event and Post-event Recording	V	V	V	V
<b>Playback</b>				
Max View Items Per View	100	100	100	100
Smart Search	V	V	V	V
Event list in Recording	V	V	V	V
Event Associated Video	V	V	V	V
Graphical Timeline	V	V	V	V
Adjust Playback Speed	V	V	V	V
Motion / Event Search	V	V	V	V
Time/Date Search	V	V	V	V
<b>Event</b>				
Digital Input	V	V	V	V
Edge Motion Detection	V	V	V	V
Camera Signal Lost	V	V	V	V
Abnormal disk status	V	V	V	V
Backup unfinished	V	V	V	V
<b>Event Notification</b>				
Camera Recording	V	V	V	V
Trigger Digital Output	V	V	V	V
Send E-mail	V	V	V	V
On Screen Display	V	V	V	V
Popup Live Video	V	V	V	V
<b>User Privilege</b>				
Restrict Access to Live View	V	V	V	V
Restrict Access to Playback	V	V	V	V
Restrict Access to PTZ	V	V	V	V
Configuration Privilege	V	V	V	V
<b>Others</b>				
Provide SDK	V	V	V	V
Supported Language(21	Chinese (Simplified), Chinese (Traditional), Czech, Dutch, English,			

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languages)	Finnish, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Serbian, Slovenian, Spanish, Swedish, Thai, Turkish
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\*Max recording throughput (250 Mbps): Approx. 64ch 5 Megapixel H.264 cameras at 10 fps when server is streaming out 16 channels of live video without playback

\*Optimal recording throughput (150 Mbps): Approx. 64ch 2 Megapixel H.264 cameras at 15 fps when server is streaming out 128 channels of live video and 16 channel playback

\*\*External storage Drive supported list ([Http://support.nuuo.com](http://support.nuuo.com))

Hardware Specifications				
Model	NT-4040	NT-4040R	NT-8040R (Coming soon!)	NT-8040RP (Coming soon!)
CPU	Intel Atom	Intel Atom	Intel Core i5	Intel Core i5
Number of Drives	4xSATA II	4xSATA II	8xSATA II	8xSATA II
Max Storage Per Drive	3TB	3TB	3TB	3TB
Max internal storage	12TB	12TB	24TB	24TB
RAID Level	RAID 0,1, 5, 10	RAID 0, 1, 5, 10	RAID 0,1, 5, 10	RAID 0,1, 5, 10
I/O Interface	6xUSB 2.0 (for mouse, UPS); 1xeSATA (for DAS)	6xUSB 2.0 (for mouse, UPS); 1xeSATA (for DAS)	2xUSB3.0, 2xUSB2.0, 1xeSATA (for DAS)	2xUSB3.0, 2xUSB2.0, 1xeSATA (for DAS)
LAN Transmission Speed	2x 10/100/1000 Mbps (RJ45x2)			
Voltage	100-240V	100-240V	100-240V	100-240V
Power Consumption	200W <sup>[1]</sup>	200W <sup>[2]</sup>	400W	400W (With redundant power)
Device Dimension (HxWxD)	210 x 200 x 320 mm	44.5 x 441 x 428.8 mm	88 x 482 x 583 mm	88 x 482 x 583 mm
Device Weight (Without Drive)	5.5 kg (12.13lbs)	6.235 kg (13.75lbs)	10.6 kg (23.37lbs)	10.6 kg (23.37lbs)
Temperature	Operating: 0°C-40°C			
Humidity	Operating: 5%-95%			

Remote Client System Minimum Requirement				
Model	NT-4040	NT-4040R	NT-8040R (Coming soon!)	NT-8040RP (Coming soon!)
OS	Windows XP (32-bit) / Win7 (32 and 64-bit) / Mac OS X v10.6, 10.7			
CPU	Intel Core 2 Duo, 2.6GHz			
RAM	1GB			
LAN Transmission Speed	10/100/1000 Mbps (RJ45)			
WebClient	Internet Explorer 8 and later, Firefox 4.0-9.0 (Windows version)			
Mobile iViewer	iPhone, iPad, Android			

<sup>[1]</sup> 40 W is the maximum power consumption

<sup>[2]</sup> 90 W is the maximum power consumption