

# Windows based NVR: network DynaGuard™ A Series NVR

MODEL NAME	A4	A8	A16	A24	A16 Turbo	A24 Turbo
<b>System</b>						
Operation System	Embedded (Windows 7)					
CPU	Intel Atom™ Processor D2550, 1.86 GHz				i3-3220, 2.4 GHz	i5-3550s 3.7 GHz
RAM	4 GB, DDR3					
Graphics	Intel GMA 3650				Intel HD Graphics 2500	
IP Camera Input	4	8	16	24	16	24
HDMI / VGA Output	Up to 1920 x 1080					
<b>Audio</b>						
Input	4	8	16	24	16	24
Output	x 1, Earphone 3.5 mm					
Supported Compression Method	PCM, G.711					
Data Rate	8 Kbps / CH (Camera Dependent)					
<b>Recording</b>						
Recording Software	DynaGuard™ VSS					
BL / MP H.264 or MJPEG	Support					
5M (Camera Dependent)	48 PPS	96 PPS	192 PPS	288 PPS	192 PPS	288 PPS
3M (Camera Dependent)	60 PPS	120 PPS	240 PPS	360 PPS	240 PPS	360 PPS
1080P (Camera Dependent)	NTSC: 120 PPS PAL: 100 PPS	NTSC: 240 PPS PAL: 200 PPS	NTSC: 480 PPS PAL: 400 PPS	NTSC: 720 PPS PAL: 600 PPS	NTSC: 480 PPS PAL: 400 PPS	NTSC: 720 PPS PAL: 600 PPS
720P (Camera Dependent)						
480P (Camera Dependent)						
Recording Mode	Schedule / Event					
Maximum Throughput	120 Mbps					
<b>Storage and I/O</b>						
Build-in SATA Interface	x 2, 2.5" SATA or x 1, 3.5" SATA			x 4, 3.5" SATA		
USB Ports	x 2, USB 2.0; x 2, USB 3.0			x 4, USB 2.0; x 2, USB 3.0		
eSATA	x 1, eSATA Port, Compatible with DS80 eSATA Storage					
*RAID Support	N.A.			*RAID 0 / 1 / 5 / 10		
COM Port	RS-232 Interface					
<b>Network &amp; Communication</b>						
WAN Uplink	x 1, RJ-45, 10 / 100 / 1000 Mbps					
LAN Uplink	x 1, Gbps SFP Combo					
Built-in Power over Ethernet	x 4, RJ-45	x 8, RJ-45	x 16, RJ-45	x 24, RJ-45	x 16, RJ-45	x 24, RJ-45
High Power PoE Level	IEEE 802.3at					
Supported Cameras / PTZs	Backend Software Dependent					
<b>Management Software</b>						
Central Management System	DynaGuard™ CMS					
Recording Mode	Schdeule, Motion, Alarm, Manual					
Viewing Mode	1 / 4 / 9 / 16, Multiple Split Mode					
Playback	Single, Multi-Channel, Event Searching					
Camera Configuration	Auto / Manual					
Local Displaying Frame Rate @ D1	N.A.				480 / 400 PPS	720 / 600 PPS
<b>Recommended Client System</b>						
OS	Windows 7					
CPU	Intel Core i7-3770 (8M Cache, 3.4 GHz)					
RAM	4 GB					
Graphics	GeForce GTS450, 1 GB PCI-E 16X					
Hard Drive	1 TB					
<b>General</b>						
Unit Dimensions	228 x 187 x 45 mm 8.97 x 7.36 x 1.77 in		429 x 411 x 45 mm / 16.88 x 16.18 x 1.77 in			
Unit Weight	4.5 kg / 9.92 lb		9 kg / 19.84 lb			
Package Dimensions	293 x 354 x 105 mm 11.53 x 13.93 x 4.13 in		552 x 552 x 225 mm / 21.73 x 21.73 x 8.85 in			
Package Weight	6 kg / 13.22 lb		10 kg / 22.04 lb			
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F					
Operation Relative Humidity	10% ~ 90% Non-condensing					
System Power Supply	DC 52 V, 120 W			AC 100~240 V, 300 W		

Product specification and availability subject to change without notice

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