

SG-A3340P

60,80 Channel Network Video Recorder



Pre-Install with  **Luxriot**®



Overview

The Shogun A Series of NVR appliances are reliable integrated server and storage solutions for IP video surveillance. NVR appliances are open platform solutions that can be deployed with any of the leading IP cameras and video management software (VMS) for installations of any size from standalone units for retail stores to large scale deployments requiring hundreds of cameras and petabytes of storage. And it comes with software development kit (SDK).

Functions

NVR Storage Appliance for IP Video Surveillance

The SG-A3340P is built to be the best video surveillance storage solution on the market. Delivering reliable and stable performance for surveillance video recording, especially when the arrays is in a critical state or during rebuild which is key to eliminating frame dropping, the SG-A3340P is ideal for installations of up to over a hundred full-HD IP cameras, making it perfect for banking, retail, gaming, manufacturing, and many more industries.

SmartBoost Technologies

A collection of unique features designed to provide the highest level of service and overcome performance bottlenecks to allow NVRs to handle a higher number of IP cameras than competing solutions.

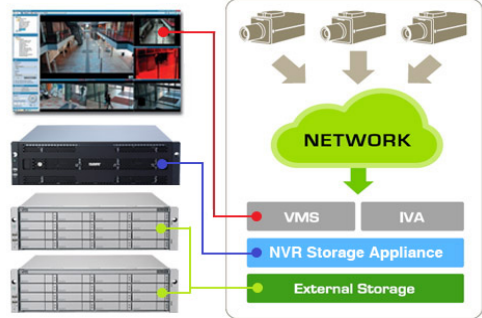
Reduces Deployment Costs and Complexity

The SG-A2330P Series reduces support and equipment costs because there is no separate RAID storage unit to manage, eliminating the need for a server, controller cards, external cables, and a separate storage enclosure. Additionally, the SG-A3340P Series reduces interoperability conflicts caused when integrating different hardware

Features

- Excellent value for a high-performance recording server system
- Perfect for up to 80 IP cameras
- Support H.265/H.264/MJPEG/MPEG4 compression
- Out of the box solution
- Support Liveview & Playback over Network
- 3-year warranty – can be extended to 5 years
- 2U 6-bay rackmount chassis
- Easy Expandability with iSCSI protocol
- Small-sized installations: retail stores, clinics, classrooms, gas stations

Network Diagram



Easy to Use Management Interface

The SG-A3340P Series can be managed conveniently over the network connection using the user-friendly browser-based GUI, or the text-based command line network terminal interface. Alternatively you can manage it out-of-band with a VGA or HDMI monitor and USB keyboard to access the text-based command line interface.

Outstanding Track Record of Reliability

Reliability is paramount for surveillance deployments in order to protect property, assets or even the safety of individuals. The SG-A3340P features the RAID engine, which has been battle-tested in countless mission critical applications around the globe. With its incredible track record for reliable video data management and storage, the SG-A3340P is ideal for users requiring an extremely reliable and safe data center for video archive protection.



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Technical Specifications

Model	SG-A3340Ps	SG-A3340Pd
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General Information

Camera Range	60	80
Form Factor	2U, 19" Rackmount	
Number Of Drives	4 Drives	8 Drives
Drive Type	Hot Swappable 3.5" Enterprise SATA HDD 6Gbs. Optional 2.5" Enterprise SATA SSD	
Internal Storage	M.2 PCIe NVMe SSD 256GB (Standard) or M.2 256GBx2 OS RAID (Optional)	
System Processor	i3-9100e	Xeon E-2226GE
System Memory	2 x 16GB DDR4 Default (Max 64GB)	
Storage Expansion	Optional PROMISE Vess R and Vess J series via iSCSI	

Interfaces

NIC Port	2 x Gigabit Ethernet
USB Port	Front: 2 x USB 3.0, Back: 4 x USB 3.0, 2 x USB 2.0
PCI Express Ports	1 x PCIe3.0 x8 Low profile / 1 x PCIe3.0 x4 Low profile (available only when OS RAID card is not present)
Graphic Interface	1 x D-sub VGA, 1 x Display Port, 1 x HDMI*
Audio I/O	3 x 3.5mm Audio Jack
Optical S/PDIF	Yes

RAID Operational Feature

RAID Levels	0, 1, 1E, 3, 5, 6, 10 (0+1), 30, 50 (Any combination can be configured simultaneously)
Hot Spares	Multiple global or dedicated hot-spare drives with revertible option

Software

OS Supported (64-bit)	Windows 10, Windows Server 2019, Linux
Management Tools	Graphical UI/SNMP via Ethernet, CLI via Ethernet or Graphics, OPAS Service via USB, SDK or API for Integration
Optimization Technologies	SMARTBOOST(TM) Storage for Video Surveillance optimization
Event Notification	Email, SNMP (V1/V2/V3), Buzzer, LEDs

System Information

AC Input	100 ~ 240 VAC, 60 ~ 50Hz	
Current (Maximum)	<8A @ 100-240Vac @full load	
Power Supply	Swappable 80 PLUS Platinum 550W Power Supply	Hot Swappable 80 PLUS Platinum 550W Redundant Power Supply
Temperature	5° ~ 40°C (-40° ~ 60°C non-operational)	
Dimensions (H x W x D)	85 x 447 x 410 mm / 3.35" x 17.60" x 16.14"	
Weight	W/o HDD: ~11.25kg (~24.80 lbs) W/ HDD: ~17.25kg (~38.00 lbs)	W/o HDD: ~12.75kg (~28.10 lbs) W/ HDD: ~18.50kg (~40.80 lbs)