



3VR Product Lineup

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S-Series

Compact, affordable, and capable with simplified integration and central management.



P-Series

Powerful and versatile; suited for organizations that require enterprise performance.



ServerClass

Highly scalable, IT friendly, and an analytic powerhouse; designed for complex application and integration requirements of larger deployments.

Features and Specifications

General

Dimensions	2.5" x 12" x 11" (64 x 305 x 280 mm), wall mountable	3.5" (2RU) x 17" x 19" (89 x 432 x 483 mm), rack and wall mountable	3.5" (2RU) x 17" x 20" (89 x 432 x 508 mm), rack and wall mountable; 3.5" x 17" x 28" per 10TB external storage array
OS	Embedded	Embedded	Embedded or Microsoft Windows OS
Max. Resolution and Recording Rate (NTSC/PAL)	Up to 30fps/ch at CIF or 10 fps/ch at 2CIF (2CIF option not available on 16 channel models)	Up to 30fps/ch at 4CIF	Up to 30fps/ch at 4CIF
Max. Resolution (IP)	Up to 5MP*		
Video Codec	Analog: H.264; IP: wide range of MJPEG, MPEG-4 and H.264 cameras supported		
Cameras	Hybrid models: Max. 8/12/16 Total Camera Capacity (Max. 8/12/16 Analog or 8 IP)* NVR model: Max. of 8 IP*	Hybrid models: Max. 32 Total Camera Capacity (Max. 16/32 Analog or 32 IP)* NVR models: Max. of 32 IP*	Hybrid models: Max. 64 Total Camera Capacity (Max. 32 Analog + 32 IP)* NVR model: Max. of 64 IP*
Internal Storage	SmartStorage, 250GB to 2TB	SmartStorage, 500GB to 4TB, RAID	SmartStorage, 2TB to 4TB, RAID**
External Storage	No	No	Yes, 10TB & 20TB external arrays optional
RAID	No	Yes	Yes
Basic Motion Analysis	Yes		
Monitor Output	1 x SVGA (up to 1600 x 1200) & 1 x BNC	1 x SVGA (up to 1600x1200) & 1 x BNC or DVI	1 x SVGA (up to 1600x1200) & 1 x BNC or DVI
SpotMonitor Support	Yes		
Local Exporting	USB, Email, CD-RW Optional	USB, Email, CD-RW Optional	USB, Email, CD-RW Optional
Vibration and Shock Resistant	n/a	n/a	n/a
Operating Temperature	41° to 115°F (5° to 46°C)	41° to 95°F (5° to 35°C)	41° to 95°F (10° to 35°C)

	S-Series	P-Series	ServerClass
Power Requirements	100–240 VAC; 60/50 Hz, 3.0/1.5 A Consumption 120 W (max.)	100–240 VAC; 7–3.5 A, 60/50 Hz Consumption 350 W (max)	100–240 VAC; 7–3.5 A, 60/50 Hz, Consumption 350 W (max) ***
Third-Party Integration			
Alarm Integration	Yes, dry contacts: 4 inputs /4 outputs	Yes, integrated: 4 dry contacts & 4 relay out	Yes, integrated: 4 dry contacts & 4 relay out
Data Integration (POS, ATM, EAS, EBR, etc..)	Yes		
Systems and Network Management			
Enterprise Systems Admin- istration and Management with Enterprise Appliance	Yes		
Flash Boot	Yes		
Hot Swappable Drives	No	Yes	Yes
Advanced Features			
SmartStorage	Yes		
Camera Expansion Option	Yes, supports up to 8 IP cam- eras. Note that different types of IP cameras such as H.264, MPEG-4, and megapixel require different system resources.*	Yes, supports up to 32 IP cameras. Note that different types of IP cameras such as H.264, MPEG-4, and megapixel require different system resources.*	Yes, supports up to 64 IP cam- eras. Note that different types of IP cameras such as H.264, MPEG-4, and megapixel require different system resources.*
Third-party Megapixel Camera Support	Yes*		
Advanced Video Analytics Features			
3VR SmartAnalytics (LPR, face, etc.)	Supports up to 4 channels of 3VR SmartAnalytics*	Supports up to 16 channels of 3VR SmartAnalytics*	Supports up to 20 channels of 3VR SmartAnalytics*
Developer Kit Options	Standard SDK	Standard SDK	Standard and Advanced SDK

* For details on the supported combinations of 3VR SmartAnalytics, IP and analog cameras, and 3VR applications, consult the Solutions Overview document here: <http://www.3vr.com/sites/default/files/assets/SolutionsOverview.pdf>. Contact your 3VR Sales Representative with any questions.

** 2/4TB internal, 10/20TB options available with external storage expansion arrays

*** Does not include power requirements for external array