



MEDIUS Series

**Serving the
World's
Mission Critical
Applications...**

Patronus Laboratories Corporation

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Features

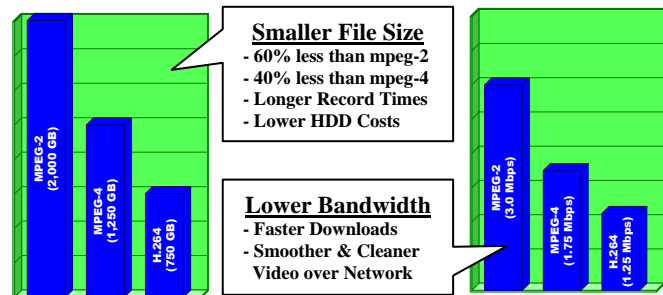
- Standardized Programming**
PATRONUS LABORATORIES MEDIUS Series Hybrid DVR/NVR systems, no matter the enclosure or number of channels all utilize the same **Concert** software. A **True Hybrid DVR / NVR solution** with 1 to 64 Audio/Video Channels, comprising of 4 to 64 analog audio/video channels and/or up to 32 IP channels
- Standardized Compression**
 All **PATRONUS LABORATORIES** systems support industry leading H.264 compression.
- Full Motion Recording**
 Each channel can record between 1/16th - 30 frames per second per channel (up to 1920fps in 64 channel systems)
- Remote Software**
 All **PATRONUS LABORATORIES** encoding and recording systems (over 60) share a common PC Based remote client software enabling unlimited expandability, with easy to learn and use Hybrid DVR/NVR Server Software.
- Multiple Record Modes**
 The **MEDIUS Series** supports multiple record modes including: schedule recording, manual recording, motion detection recording, external alarm recording, motion & alarm recording and motion or alarm recording.
- Multiple PTZ Protocol Support**
 The **MEDIUS Series** supports over 18 different PTZ Camera protocols.
- Notification Methods**
 Operators and administrators can be notified of events in multiple ways. The **Concert** software can automatically send E-mail/SMS on alarm, E-mail with attached images, play audio files, pop-up video on alarm (local or remote), trigger external relays connected to any device (lights, sirens, etc).
- Third party Interfaces**
 The **Concert** software can interface with several POS systems and Access Control systems.
- Video Matrix**
 Optional Video Matrix Analog wall supported up to 20 monitors.

MEDIUS Series

...From Patronus Labs



Tower or Rack Options



Overview

Patronus Labs offers an extensive line of PC based Digital Video and Network Video Hybrid recorders (more than 35 models). The Medius Series is available in a Tower or Rack/Pedestal chassis. Each Medius series server supports up to 64 channels of full motion video recording with perfectly synchronized audio.

Designed with mission critical applications in mind, video data can be optionally synchronized to operational events to within .0001 sec. Medius supports analog and IP video enabling video sources to be in the same building or anywhere in the world. When 64 cameras are not enough simply add more recorders and seamlessly connect to dozens, hundreds or thousands of cameras with our *CONCERT*™ Client software.

PRODUCT IDENTIFICATION CHART	
Division	Category
Access Control	Camera, Board
Computer Components	Camera, Bullet
Fixed Platform	Camera, Dome
Housings/Mnts/Enclosures	Camera, Mini
Mobile Platform	Cam, Professional
Power Gen./Storage	Camera, Specialty
Tools/Equipment	Cam, Speed dome
Video Surveillance	Decoder
Wire/Cables/Connectors	Encoder
Wireless Equipment	Encoder/Recorder
	IR Illuminator
	JoyStick
	Lens, Board
	Lens, C/CS Mount
	Recorder, Embedded
	Recorder, Mobile
	Recorder, Network
	Recorder, PC-Based
	Software



Configurations

Part Number	Number or Analog and IP channels	Preview Resolution	Record Resolution	Sub-Stream	RAID 0 O/S	Video Storage	
Recorder, PC-Based, H.264 Compression Algorithm, 500 GB Hard Capacity Onboard, USB, DVD-RW, Net, Economy PC Server, Tower							
VSRP0049	NVR 16 IP Cameras or Client 16 Cameras	Per IP Camera Settings		If Main Stream CIF or DCIF, Sub-stream CIF or QCIF. If Main Stream 4CIF, Sub-stream NA.	NA	Up to 6,000GB	
VSRP0051	4 Analog, 12 IP Cameras	4CIF	CIF (Real-Time) DCIF(Max 20 fps) 4CIF (max 15fps)				
VSRP0052	8 Analog, 8 IP Cameras						
VSRP0053	12 Analog, 4 IP Cameras						
VSRP0054	16 Analog, 0 IP Cameras						
VSRP0055	24 Analog, 0 IP Cameras						
VSRP0056	32 Analog, 0 IP Cameras		CIF (Real-Time) DCIF(Real-Time) 4CIF (Real-Time)				
VSRP0057	8 Analog, 8 IP Cameras						
VSRP0058	16 Analog, 0 IP Cameras						
VSRP0059	24 Analog, 0 IP Cameras						
VSRP0060	32 Analog, 0 IP Cameras						
Recorder, PC-Based, H.264 Compression Algorithm, 500 GB Hard Capacity Onboard, USB, DVD-RW, Net, Commercial PC Server, Tower							
VSRP0050	NVR 64 IP Cameras or Client 64 Cameras	Per IP Camera Settings		If Main Stream CIF or DCIF, Sub-stream CIF or QCIF. If Main Stream 4CIF, Sub-stream NA.	Optional	Up to 8,000GB, Optional RAID 5	
VSRP0062	4 Analog, 32 IP Cameras	4CIF	CIF (Real-Time) DCIF(Max 20 fps) 4CIF (max 15fps)				
VSRP0063	8 Analog, 32 IP Cameras						
VSRP0064	16 Analog, 32 IP Cameras						
VSRP0065	24 Analog, 32 IP Cameras						
VSRP0066	32 Analog, 32 IP Cameras						
VSRP0067	48 Analog, 16 IP Cameras		CIF (Real-Time) DCIF(Real-Time) 4CIF (Real-Time)				
VSRP0068	64 Analog, 0 IP Cameras						
VSRP0069	8 Analog, 32 IP Cameras						
VSRP0070	16 Analog, 32 IP Cameras						
VSRP0071	24 Analog, 32 IP Cameras						
VSRP0072	32 Analog, 32 IP Cameras	CIF (Real-Time) DCIF(Real-Time) 4CIF (Real-Time)					
VSRP0073	48 Analog, 16 IP Cameras						
VSRP0074	64 Analog, 0 IP Cameras						
Recorder, PC-Based, H.264 Compression Algorithm, 500 GB Hard Capacity Onboard, USB, DVD-RW, Net, Professional Pedestal/Rack Mount (Convertible)							
VSRP0061	NVR 64 IP Cameras or Client 64 Cameras		Per IP Camera Settings		If Main Stream CIF or DCIF, Sub-stream CIF or QCIF. If Main Stream 4CIF, Sub-stream NA.	Optional	Up to 16,000GB, Optional RAID 5
VSRP0075	4 Analog, 32 IP Cameras	4CIF	CIF (Real-Time) DCIF(Max 20 fps) 4CIF (max 15fps)				
VSRP0076	8 Analog, 32 IP Cameras						
VSRP0077	16 Analog, 32 IP Cameras						
VSRP0078	24 Analog, 32 IP Cameras						
VSRP0079	32 Analog, 32 IP Cameras						
VSRP0080	48 Analog, 16 IP Cameras		CIF (Real-Time) DCIF(Real-Time) 4CIF (Real-Time)				
VSRP0081	64 Analog, 0 IP Cameras						
VSRP0082	8 Analog, 32 IP Cameras						
VSRP0083	16 Analog, 32 IP Cameras						
VSRP0084	24 Analog, 32 IP Cameras						
VSRP0085	32 Analog, 32 IP Cameras	CIF/QCIF					
VSRP0086	48 Analog, 16 IP Cameras						
VSRP0087	64 Analog, 0 IP Cameras						

Options

Analog Video Decoding	Optional up to 20 monitors outputs
Audio Inputs	Up to 64
Operating System Redundancy	RAID 0 Optional (Commercial Tower and Professional Pedestal/Rack mount)
Power Supply	Hot-swap Redundant optional (Commercial Tower and Professional Pedestal/Rack mount)
PTZ Control	Optional
RS-232 Com Ports	1 default, up to 3
Sensor Input / Relay output	Optional, up to 32 in / 32 out
Video Data Storage Capacity	Up to 16,000GB
Video Data Storage Redundancy	RAID 5 Optional (Commercial Tower and Professional Pedestal/Rack mount)



Specifications

Features	Economy Tower	Commercial Tower	Professional Pedestal / Rack Mount Series
Audio compression	OggVorbis, 16kbps		
Audio Output	1 channel 1/8 inch jack		
Bit rate	32kbps~2Mbps (Self definition)		
Communication interface	1 x RJ45 10M/100 UTP network port	2 x RJ45 10M/100/1000M UTP network port	
Com Port*	1	1 Default (up to 3 available)	
Frame Rate*	960 fps	1920 fps	
Operating System	Windows 7 32-bit		
Optical Drive	1 DVD-RW		
Power Supply*	450W 110-220VAC 50-60Hz	650W, Optional 600W redundant 110-220VAC 50-60Hz	
Rack Mount	NA		5U, 19 Inch
Relay Output*	Optional up to 16 outputs	Optional up to 32 outputs	
RS-485 PTZ Control*	Optional		
Sensor Inputs*	Optional up to 16 inputs	Optional up to 32 inputs	
Size	198 x 465 x 425 mm 7.8" x 18.3" x 16.7"	423 x 190 x 4350 mm 16.7" x 7.5" x 17.1"	596mm x 422mm x 223mm 23.5" x 16.6" x 8.75"
Stream Type	Video Stream or Video & Audio Stream		
Video Storage*	Up to 6,000GB	Up to 8,000GB	Up to 16,000GB
Video Compression	H.264		
Video Output (Analog)*	0 Default, up to 8	0 Default, up to 20	
Video Output (VGA)*	1	1 Default, up to 3	
Video Resolution Frame Rate*	See analog resolution above / IP Video see Patronus Laboratories IP device data sheets		
Weight**	14Kg 30.8lbs		34Kg 75bs
Working humidity	10%--90%		
Working temperature	5C~+50C 40F~122F		
* Configuration Dependant			
**Estimated, Configuration Dependant			

Economy Tower



Commercial Tower



Professional Pedestal / Rack Mount (Convertible)

