IP

8 Ch. 4K H.265 Network Video Recorder and IP Camera Kit

ZIPL84D2
8 Channel NVR with 8 Channel Built-In PoE, 2TB
4 4MP H.265 IP Dome Cameras

ZIPL84B2
8 Channel NVR with 8 Channel Built-In PoE, 2TB
4 4MP H.265 IP Bullet Cameras

ZIPL88D2
8 Channel NVR with 8 Channel Built-In PoE, 2TB
8 4MP H.265 IP Dome Cameras

ZIPL88B2
8 Channel NVR with 8 Channel Built-In PoE, 2TB
8 4MP H.265 IP Bullet Cameras

ZIPL8BD2
8 Channel NVR with 8 Channel Built-In PoE, 2TB
4 4MP H.265 IP Bullet Cameras
4 4MP H.265 IP Dome Cameras

O4D9 (Dome)
2.8mm fixed lens

O4B9 (Bullet)
2.8mm fixed lens

N8NRL2TB
(Recorder)

Key Recorder Features

EZ Wizards: For ease of use and setup

Camera: quickly discovers and installs IP cameras

Setup: for setup of general settings

Network: network setup and port forwarding

Record: setup recording resolutions and recording type

Search: search for events from thumbnails

Copy: copy what you are playing onto a USB flash drive

- Real time recording up to 8MP (4K) @ 30fps
- H.265 compression - Store up to 2x more than H.264!
- Built-in PoE ports for all channels for easy installation
- 1 SATA port up to 14TB of storage
- 4K HDMI out and VGA monitor output
- Object/Line Crossing and People/Vehicle Detection and alerts*
- 2-way audio communication
- Free US-based DDNS and P2P services
- Remote viewing via web browser or your mobile device
- Easy video exporting via USB
- Smart Search - Specify a region on the camera view and search on changes in that area*

*with Speco Smart Analytic Cameras

Additional Recorder Features

- Supports 2-way audio communication (speaker required)
- Built-in S.M.A.R.T technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Plug & play feature with isolated traffic on the PoE ports with Speco's IP cameras
- Remote monitoring, recording, playback, configuration, upgrades, and PTZ control via the Internet

Camera Specifications

Image Sensor	1/3" CMOS, 4MP
Max Resolution	2592 x 1520
Minimum Illumination	0.005 lux @ F1.6, AGC ON, 0 lux (IR LED on)
Day/Night	Smart IR
DNR	3D DNR
IR Range	O4D9: 98' (depending on scene reflection) O4B9: 98' (depending on scene reflection)

Operating & Unit Specifications

Power Supply	PoE or 12VDC (power supply not included)
Power Consumption	O4D9: < 7.0W O4B9: < 7.5W
Operating Temperature	-40°F - 140°F
Camera Weight	Dome:1.43 lb. / Bullet: 1 lb.
Camera Dimensions	Dome: 4.7" (Dia.) x 3.5" (H) / Bullet: 2.9" (W) x 2.9" (H) x 6.6" (L)
NVR Weight	4 lbs.
NVR Dimensions	11.8" (W) x 2" (H) x 9.8" (D)

Camera Features

- Up to 4MP @ 30fps
- Standard PoE
- True WDR
- 5 year warranty
- Adaptive IR LEDs reduce IR saturation
- IP67 compliant, weather resistant

Optional Accessories

ERS1V
Vented Rack Shelf

IRRPTKIT
IR Repeater Kit

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IP Technical Specifications:
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Model			NRL	
Video	Input	Max. IP Channels	4	8
		IP Camera	H.264/H.265 Auto Detection (Max 8MP)	
	Output	Main Monitor	HDMI (Max. 4K) and VGA (Max. Full HD)	
		Sub Monitor	n/a	
Audio	Local Input/Output		0/1	
	Codec		G.711A/G.711U	
	Audio Input		1ch, RCA, 4CH IPC input	1ch, RCA, 8CH IPC input
Recording	Encoding Resolutions		8MP/5MP/4MP/3MP/1080P/720P	
	Codec		H.264/H.265 (Auto Detection)	
	Max Frame Rate per Channel		Any Resolution @30fps	
	Recording Mode		Analytics/Continuous/Motion/Sensor/Schedule/Manual	
	Pre-Recording		Max. 5 seconds	
	Post Recording		Max. 10 minutes	
Search & Playback	Search		EZ Search, Motion, Specific Date/Time, Event, Museum, Bookmarks, Snapshots, Log	
	Multi-Decoding		1, 4	1, 4, 8
	Playback Resolutions		8MP/5MP/4MP/3MP/1080P/720P	
	Playback Functions		Play, pause, FF, FB, digital zoom, etc.	
Backup	Media		USB drive, USB Portable HDD, Network	
	Format		JPG, AVI, ZIP (Player+Proprietary Data)	
Storage	HDD	Capacity of 1 HDD	14TB	
		Internal HDDSs	1	
	USB	Front	1	
		Rear	1	
Alarm	Input/Output		n/a	
	Trigger Events		Recording, PTZ, Alarm Out, Pop-up alarm preview, Email, FTP, Snapshot, Buzzer and Screen Tips	
User I/F	Input Method		IR Remote, Mouse	
Network	Port		100Mbps + 4PoE	100Mbps + 8PoE
	P2P/Dynamic DNS		Free US-Based Speco P2P and DDNS Service	
	Network Protocols		TCP/IP, PPPoE, DHCP, DNS, UPnP, NTP, SMTP	
Network Access	Mobile		iOS/Android via Speco Blue App, SecureGuard® App	
	Web Viewer		Windows IE	
	VMS		SecureGuard®	
	Max. User Access		Max 10 users online (web client)	
Features	Digital Zoom		Live and Playback, Free Size	
	Smart Analysis		Abandoned object detection, Missing object detection, Line Crossing	
	ONVIF Support		ONVIF 2.3	
	S.M.A.R.T		Temperature, Power On Time, Bad Sectors and Health	
Power	Input Voltage		DC48V	
	Power Consumption		≤ 5W (wuthout HDD)	≤ 15W (without HDD)
Environment	Operating Temperature		-10°C ~ 50°C	
	Operating Humidity		10% ~ 90% humidity (Non-condensing)	
Dimensions	Unit		300mm x 248mm x 52mm (11.8" x 9.8" x 2.0")	

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