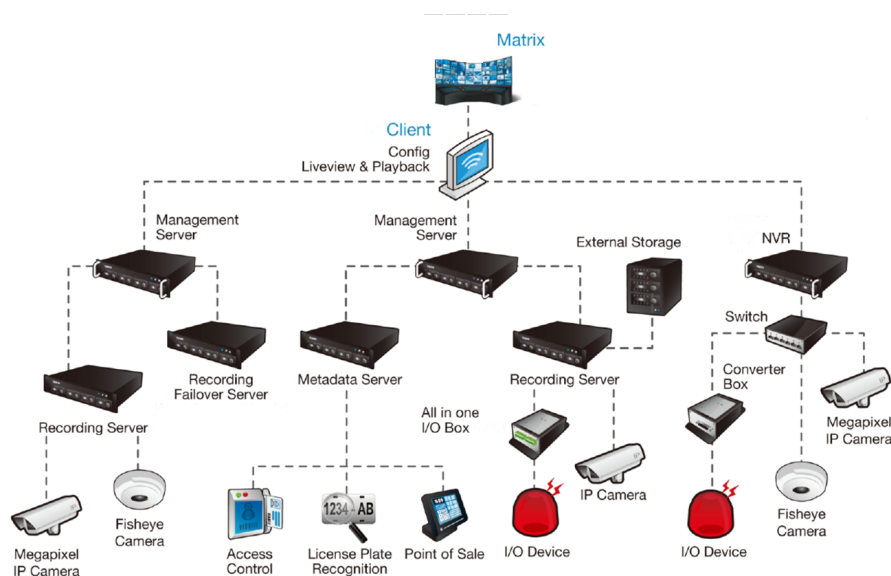## Heavy Duty Server
VMS Adler Guard
Open Platform Management
Centralized Solution

KEY FEATURES

- HIGH PERFORMANCE HEAVY DUTY

- LINUX BASED SYSTEM

- UP TO 24 HDD BAY SUPPORT UP TO 16TB PER BAY CAPACITY*

- STORAGE MAXIMUM UP TO 336 TB

- EXPANDABLE STORAGE SUPPORT

- SUPPORT RAID 0, 1, 5,6, 10

- UP TO 256CH/SERVER

- MULTI STREAM SUPPORT

- MOBILE APPLICATION SUPPORT WITH VMS

- ADLER VMS FEATURES APPLY WITH EASY CONFIGURATION

- UP TO 550 MBPS RECORDING THROUGHPUT

- DUAL ETHERNET PORT

- SUPPORT HARDWARE WATCHDOG

- TOWER AND RACK MOUNT TYPE

- REDUNDANT POWER SUPPLY

- TOWER AND RACK MOUNT TYPE

- REDUNDANT POWER SUPPLY

CE FC

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Adler
Security Systems

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Adler Guard Server

Model	AD-G400-U	AD-G400R-U	AD-G800R-U	AD-G800RP-U	AD-G800RX-U	AD-G800RXP-	AD-G1600RP-U	AD-G2400RP-U
Type	Tower	Rack 1U	Rack 2U		Rack 2U		Rack 3U	Rack 4U
CPU	Intel Celeron		Intel Core i5		Intel Core i7		Intel Xeon	Intel Xeon
RAM	2G X 2(Dual channel)		4G X 2(Dual Channel)		DDR4 4G X 2(Dual Channel)		DDR4 4G X 2(Dual Channel)	
HDD Bay	4X SATA III		8X SATA II		8X SATA II		16X SATA II	24X SATA II
Hot Swapping	Supported							
Max Storage HDD	Up to 14TB/16TB*							
Total Internal Storage	64TB		128TB				256TB	336 TB
Storage Expansion	4/8/16/24 bays Per Server							
RAID Level	RAID 0,1, 5, 6,10							
I/O Interface	1XUSB 3.0 / 2 XUSB 2.0 (for mouse or UPS) / 1XeSATA (for DAS) / 1X VGA , 1X HDMI		2XUSB3.0 / 2XUSB2.0(for mouse or UPS) / 1XeSATA (for DAS) / 1 X VGA, 1 x DVI		2X USB3.0 / 2X USB2.0 / 1xeSATA (for DAS) / 1 X VGA		4 X USB3.0 / 2 X USB2.0 / 1 X VGA / 1 X DVI	
LAN	2 x Gigabit Port, RJ45						2 x Gigabit Port, RJ45 (10Gigabyte Network Card is optional)	
LAN Speed	10/100/1000 Mbps							
Voltage	100—240V							
Power Consumption	Full loading:50W / Max: 250W		Full loading: 150W / Max: 500W	Full loading: 160W / Max: 500W	Full loading: 150W / Max: 500W	Full load-ing:160W / Max: 500W	Full loading:300W / Max: 500W	
Dimension (H xW xD)	212 x200 x 318 mm	45 x 447 x 505 mm	88 x 447 x 583 mm				435 x 132 x 620 mm	438 x 176 x 620 mm
Redundant Power	X	X	X	Support	X	Support	X	Support
Device Weight (Without Drive)	5.3 kg (11.7 lbs)	6.0 kg (13.2lbs)	11.4 kg (25.1lbs)	13.2 kg (29.1lbs)	11.4 kg (25.1lbs)	13.2 kg (29.1lbs)	19Kg(41.9)	31Kg (68.3)
Temperature	Operating: 0°C- 30°C		Operating: 0°C- 40°C				Operating: 0°C- 40°C	
Humidity	Operating: 5% - 95%							
Certification	CE, CB, BIS, FCC, RoHS							
Operating System	Linux							

Performance and Specifications With Adler Guard Software

	AD-G400-U	AD-G400R-U	AD-G800R-U	AD-G800RP-U	AD-G800RX-U	AD-G800RXP-	AD-G1600RP-U	AD-G2400RP-U
Cameras per Recording	64 Channel		128 Channel				256CH	
Stream Out per Rec.	1024 CH						320 CH	
License Adler Type	AD-GCAM-ULT (1CH license, support video wall matrix , recording server failover support, and central management client with Adler Server)							
Open platform	Supported							
Video Compression	H.264, H.265, MPEG4, MJPEG, MxPEG							
Multiple Stream Profile	Supported							
Watch Dog	Supported							
Recording Throughput (In / Out)	250 Mbps (MAX), 150 Mbps (OPTIMAL)		250 Mbps(1 Volume Group) / 400 Mbps (2 Volume Groups) / 550 Mbps (3 Volume Groups)		250 Mbps(1 Volume Group) / 400 Mbps (2 Volume Groups) / 550 Mbps (3 Volume Groups)		250 Mbps(1 Volume Group) / 400 Mbps (2 Volume Groups) / 550 Mbps (3 Volume Groups)	
3rd Party Support	Point of Sale, Access Control, License Plate Recognition, Facial Recognition (Depends on plugin installed)							
Metadata Function	1. Live View and playback line by line with video / 2. Metadata Search and Result Export							
Export	AVI, Original AVI, ASF, MOV							
Number of Live View (Local display)	4CH per View, View tour to 64CH		16CH per View, View tour to 64CH		16CH per View, View tour to 128CH		16CH per View, View tour to 64CH	
Recording Type	Continuous record, trigger record by digital input, motion-triggered record, event-triggered record, boosting record, record by schedule, and manual trigger record on Adler Client							
Event Recording	Event Pre-record and Post-Record							
Network Time Protocol	Supported							
Joystick Support	Supported							

*Pls check on HDD compatibility and Test with Vendor