

# Promise Surveillance Solution Lineup

## HOW TO

To easily select the suitable Vess Series model for your various surveillance systems demand, we categorize by the following:

- Form Factors/HDD bays: Tower Base/1U4/2U6/2U8/3U16/4U24
- Camera Range: 8ch/35ch/64ch/100ch/150ch/200ch
- Processor Availability: Celeron/Intel Core/Intel Xeon
- Applications: Home Surveillance/NVR/Analytics Server/Management Server/IVA

	SMALL RANGE SOLUTIONS		MIDSIZE RANGE SOLUTIONS		LARGE RANGE SOLUTIONS				IP SAN STORAGE SOLUTIONS	
Product Family	Vess A - Series								Vess RAID/JBOD series	
	A1100	A3120	A6120	A3340	A6600	A6800	A7600	A7800	R3600	J3600
Product Models										
Camera Range	1 to 8	64	100	100	150	200	100	150	N/A	N/A
Form Factor	Tower	1U	1U	2U	3U	4U	3U	4U	3U	3U
CPU Level	Embedded	Intel Core i3	Intel Xeon E5	Intel Xeon E3/ Intel Core i3, i5, i7	E3	i7	E5	E5	Intel	N/A
Number of Drives	2	4	4	8	16	24	16	24	16	16
Max. Unit Capacity (TB)	8	56		112	224	336	224	336	224	224
Hard Drive Interface	SATA 6Gb	SATA 6Gb	SATA 6Gb	SATA 6Gb	SAS 12Gb/ SATA 6Gb	SAS 12Gb/ SATA 6Gb	SAS 12Gb/ SATA 6Gb	SAS 12Gb/ SATA 6Gb	6/12 Gb SAS, 6 Gb SATA HDD/SSD	6/12 Gb SAS, 6 Gb SATA HDD/SSD
Max. HDD Expansion Supported	N/A	112	116	120	96(SAS)/128(iSCSI)	104(SAS)/136(iSCSI)	96(SAS)/128(iSCSI)	104(SAS)/136(iSCSI)	16	16
Host Interface	1x Gigabit Ethernet	2x Gigabit Ethernet	4x 1Gigabit Ethernet (Optional: 10G BaseT /SFP+/FC x 2)	2x Gigabit Ethernet	2x Gigabit Ethernet	2x Gigabit Ethernet	2x Gigabit Ethernet	2x Gigabit Ethernet	4x 1Gigabit Ethernet (per controller)	IN/OUT 12G SAS- wide (x4) port over SFF-8644 (per controller)
Add-On GPU Supported		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
RAID Levels	0, 1	0, 1, 3, 5, 6, 10	0, 1, 3, 5, 6, 10	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50, 60
Storage Capacity Expansion		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
SMARTBOOST™ Supported		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Auto Restart		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Power Redundancy			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Warranty	2 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years

\*Camera range spec is under H264/1080P/30fps/5Mbps/Pure Recording/Motion Detection Disabled/RAID Status: Normal RAID 5/by Camera Simulator/Milestone XPCO 2019 R1@Memory 16GB)

# PROMISE SURVEILLANCE PORTFOLIO

## WHY PROMISE

- Over 30-Years Expertise at Storage Industry
- Registered SMARTBOOST™ Technology for Performance Optimization
- Comprehensive, One-Stop-Shopping Product Portfolio
- Purpose Built for Surveillance
- Surveillance Project Design Tool to Simply Planning Steps
- World-class Quality and Green Policy Compliance
- Global Service to Insure Customer Satisfaction

### Entry Level

Small Scale



Vess AI 100

#### Home Security

### High-end

Large Scale



Vess A3120



Vess A2330



Vess A3340



Vess A6120



Vess J3610



Vess A6600



Vess A6800



Vess A7600



Vess A7800



Vess R3600

#### Recording Appliance

#### Video Analytics

#### Archiving



## Quick Buyer Guide Promise Surveillance Solution

### YOUR INTELLIGENT SURVEILLANCE SOLUTION TO GUARD YOUR BUSINESS

PROMISE Technology has designed and manufactured sophisticated RAID & Storage solutions for 30 years. With proven expertise of storage technology by market, our profound knowledge and dedication can provide you the most intelligent surveillance solution to guard your business.

### COMPREHENSIVE PRODUCT COVERAGE FOR VIDEO SURVEILLANCE STORAGE

A well-preserved video archive can ensure we can get any necessary data to take the further actions. It is therefore important to realize that storage is not simply a space provided to store video stream, but a safe data center in which reliability and capability greatly matters when it comes to surveillance applications. To cover all various demands and applications of surveillance, you can get the complete storage solution from PROMISE surveillance portfolio including storage expansion subsystems if necessary, which provides a single umbrella storage solution able to execute any surveillance operations smoothly.



Contact us

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