






VAIDIO™ APPLIANCES & HARDWARE SPECS

VSB Base Appliance Product Line						
Model	VSB 100 Series		VSB 500 Series			
Spec Item	VSB-110	VSB-130	VSB-510	VSB-530	VSB-550	VSB-570
Product Image Weight & Dimensions	 <p>Tower PC Weight: 8.6kg Dimension (L*W*H): 355*178*335mm</p>		 <p>1 U Rackmount Weight: 10.8kg Dimension (L*W*H): 482*589*42.8mm</p> <p>2U Rackmount Weight: 28.6kg Dimension (L*W*H): 737.5*434*86.8mm</p>			
Form Factor	Tower PC	Tower PC	1U	2U	2U	2U
CPU	Intel Core i5	Intel Core i7/ Xeon	Intel Xeon	Dual Intel Xeon	Dual Intel Xeon	Dual Intel Xeon
AI GPU	Nvidia 4GB GPU	Nvidia 8GB GPU	Nvidia 8GB GPU	Dual Nvidia 8GB GPU	Dual Nvidia 8GB GPU	Dual Nvidia 16GB GPU
Memory	8GB	16GB	16GB	32GB	32GB	32GB
Network	One Gigabit Ethernet	One Gigabit Ethernet	Dual Gigabit Ethernet	Dual Gigabit Ethernet	Dual Gigabit Ethernet	Dual Gigabit Ethernet
System HDD	240GB SSD	240GB SSD	480GB SSD	Dual 480GB SSD (RAID1)	Dual 480GB SSD (RAID1)	Dual 480GB SSD (RAID1)
AI Storage	Include One 1TB HDD. 1.3.5" SATA III Internal disk bays (1,2,4,6,8,10,12 TB HDD)	Include One 2TB HDD. 1.3.5" SATA III Internal disk bays (1,2,4,6,8,10,12 TB HDD)	Include One 2TB HDD. 2.3.5" SATA III Hot swap disk bays (Support RAID 0,1)	HDD Not Included. 6.3.5" SATA III Hot swap disk bays (Support RAID 0, 1, 5, 6)	HDD Not Included. 6.3.5" SATA III Hot swap disk bays (Support RAID 0, 1, 5, 6)	HDD Not Included. 6.3.5" SATA III Hot swap disk bays (Support RAID 0, 1, 5, 6)
Analytics	Max. Number of Channels Supported					
VS	13	26	26	52	52	96
ID	8	16	16	32	52	64
FRS	4	8	8	16	32	32
OLB	4	8	8	16	32	32
PPE	8	16	16	32	52	64
PC	2	4	4	8	16	16
VC	2	4	4	8	16	16
LPR (City)	4	8	8	16	32	32

VSB LPR Base Appliance Product Line					
Model	VSB 100 LPR Series		VSB 500 LPR Series		
Spec Item	VSB-110-LPR	VSB-130-LPR	VSB-510-LPR	VSB-530-LPR	VSB-550-LPR
Product Image Weight & Dimensions	 <p>Tower PC Weight: 8.6kg Dimension (L*W*H): 355*178*335mm</p>		 <p>1 U Rackmount Weight: 10.8kg Dimension (L*W*H): 482*589*42.8mm</p> <p>2U Rackmount Weight: 28.6kg Dimension (L*W*H): 737.5*434*86.8mm</p>		
Form Factor	Tower PC	Tower PC	1U	2U	2U
CPU	Intel Core i5	Intel Core i7/ Xeon	Intel Xeon	Dual Intel Xeon	Dual Intel Xeon
AI GPU	Nvidia 4GB GPU	Nvidia 4GB GPU	Nvidia 4GB GPU	Nvidia 8GB GPU	Dual Nvidia 8GB GPU
Memory	8GB	16GB	16GB	32GB	32GB
Network	One Gigabit Ethernet	One Gigabit Ethernet	Dual Gigabit Ethernet	Dual Gigabit Ethernet	Dual Gigabit Ethernet
System HDD	1TB SATA HDD	1TB SATA HDD	1TB HDD	Dual 2TB HDD (RAID1)	Dual 4TB HDD (RAID1)
AI Storage	Include One 3TB HDD. 1.3.5" SATA III Internal disk bays (1,2,4,6,8,10,12 TB HDD)	Include One 6TB HDD. 1.3.5" SATA III Internal disk bays (1,2,4,6,8,10,12 TB HDD)	Include One 6TB HDD. 2.3.5" SATA III Hot swap disk bays (Support RAID 0,1)	HDD Not Included. 6.3.5" SATA III Hot swap disk bays (Support RAID 0, 1, 5, 6)	HDD Not Included. 6.3.5" SATA III Hot swap disk bays (Support RAID 0, 1, 5, 6)
LPR Analytics	Max. Number of Channels Supported				
Highway Mode	2	5	5	10	20
City Road Mode	4	8	8	16	32
Parking Lot Mode	8	13	13	26	52

VSA Edge Device Product Line							
Model	VSA-30 Series			VSA-50 Series			
Spec Item	VSA-30-VS	VSA-30-ID	VSA-30-FR	VSA-50-VS	VSA-50-ID	VSA-50-FR	VSA-50-LPR
Product Image Weight & Dimensions	 <p>AIoT Edge Device Weight: 0.4kg Dimension (L*W*H): 76.6*91.4*70mm</p>						
Form Factor	AIoT Edge Device			AIoT Edge Device			
CPU	ARM			ARM			
AI GPU	Nvidia Jetson Nano Platform			Nvidia Jetson XAVIER NX Platform			
Memory	4GB			8GB			
Network	One Gigabit Port			One Gigabit Port			
System HDD	16GB			16GB			
AI Storage	128GB SD Card			256GB SD Card			
Analytics	Max. Number of Channels Supported						
VS	2	na	na	4	na	na	na
ID	na	1	na	na	2	na	na
FRS	na	na	1	na	na	2	na
LPR	na	na	na	na	na	na	2 Parking Mode 1 City Mode

Note: For camera channels with any video analytics function, Video Search function is automatically included.