Ai Server
ASP501/ASP502/ASP503

Technical Specifications

Ai Server System

FOR VIDEO ANALYTICS APPLICATION

- VCAserver
- VCAforensics



SYSTEM			
Model	ASP501	ASP502	ASP503
CPU	Intel® Core™ i3-13100F Processor	Intel® Core™ i5-13600 Processor	Intel® Core™ i7-13700F Processor
Cooler	Air Cooler	Air Cooler	Liquid Cooler
GPU	GTX 1660 Super	RTX 4060 8G GDDR6	RTX 4060TI 8G GDDR6
Memory	32GB(16GB x 2), DDR4		
SSD	250GB, SATA3	250GB, SATA3	250GB, M.2 NVME
HDD	6TB, 7200rpm, 3.5”	12TB, 7200rpm, 3.5”	16TB, 7200rpm, 3.5”
Network	1 x Realtek 1Gb Ethernet		
Power	AC100V ~ 240V, 50-60Hz, 500Watt	AC100V ~ 240V, 50-60Hz, 750Watt	AC100V ~ 240V, 50-60Hz, 800Watt
Operating Temperature	0°C to +40°C(32℉ to 104℉)		
Operating Humidity	20% ~ 85% RH		
Color & Material	Black & Metal		
Form Factor	2U(19" Rackmount System)		
Dimensions(mm)	488(W) x 88.8(H) x 600(D)		
Weight	Net Weight : 13KG, Gross Weight : 14.6KG		

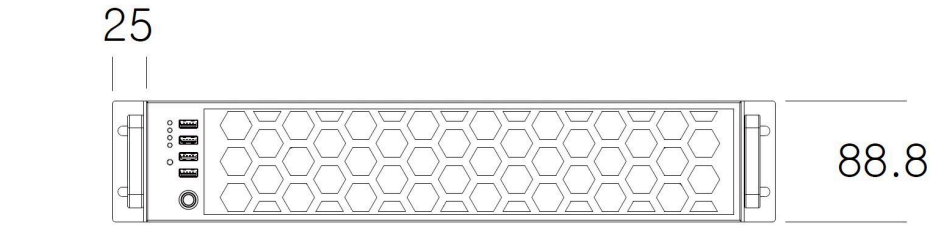
EXTERNAL PORTS		
USB	**Front** - 2 x USB 3.0 ports (Type-A) - 2 x USB 2.0 ports (Type-A) **Rear** - 2 x USB 3.0 ports (Type-A) - 4 x USB 2.0 ports (Type-A)	**Front** - 2 x USB 3.0 ports (Type-A) - 2 x USB 2.0 ports (Type-A) **Rear** - 4 x USB 3.0 ports (Type-A) - 2 x USB 2.0 ports (Type-A)
HDMI(GPU)	1	1
Audio Jacks	Rear : 3(Audio In/Out, MIC In)	Rear : 3(Audio In/Out, MIC In)
Network	1 x RJ-45	1 x RJ-45

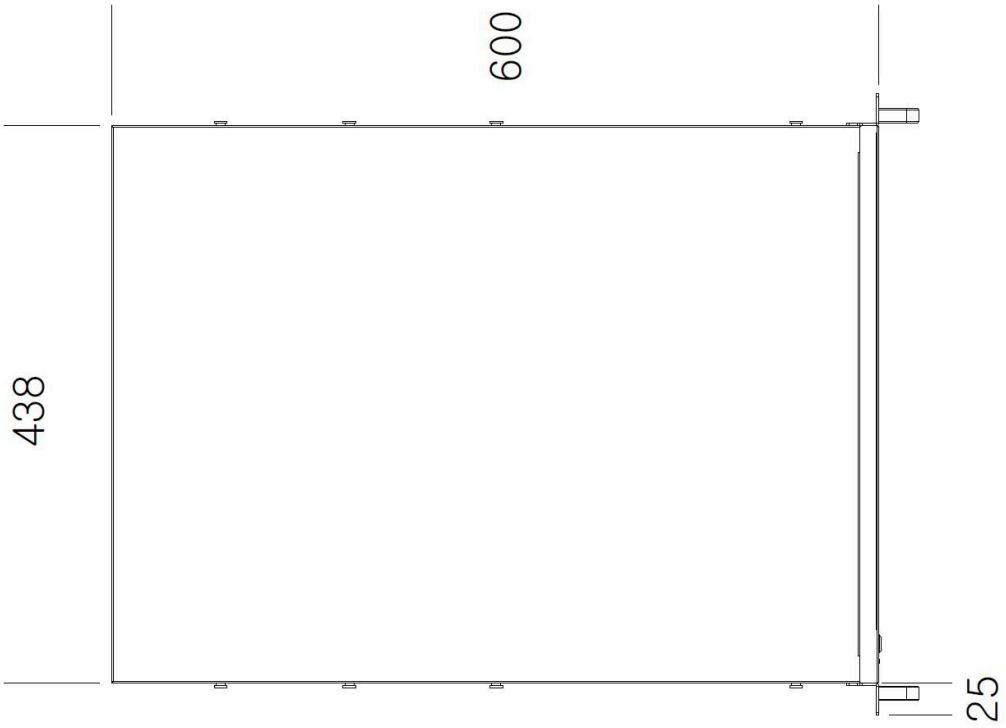
Applications (Input Video : 15fps@480p)			
DL Object Tracker	Up to 22 channels	Up to 75 channels	Up to 100 channels
DL People Tracker	Up to 22 channels	Up to 75 channels	Up to 100 channels
DL Skeleton Tracker	Up to 18 channels	Up to 81 channels	Up to 95 channels
DL Fisheye Tracker	Up to 17 channels	Up to 61 channels	Up to 75 channels
HOI Tracker	Up to 22 channels	Up to 68 channels	Up to 108 channels
Shelf Clearance	Up to 23 channels	Up to 79 channels	Up to 114 channels
Fall	Up to 13 channels	Up to 47 channels	Up to 69 channels
Aggressive	Up to 6 channels	Up to 35 channels	Up to 53 channels
Behavior	Up to 5 channels	Up to 29 channels	Up to 43 channels
Hands Up	Up to 19 channels	Up to 81 channels	Up to 95 channels
Accessory	Up to 11 channels	Up to 14 channels	Up to 20 channels
Forensics	Up to 11 channels	Up to 47 channels	Up to 61 channels

** DLOT : Deep Learning Object Tracker, DLPT : Deep Learning People Tracker, DLST : Deep Learning Skeleton Tracker, HOIT : Hand Object Interaction Tracker

Technical Specifications

Dimensions (Unit: mm)





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