Technical Specifications

Ai Server System

FOR VIDEO ANALYTICS APPLICATION

- VCAserver
- VCAforensics

SYSTEM			
Model	ASP501v2	ASP502v2	ASP503v2
CPU	Intel® Core™ i3-14100 Processor	Intel® Core™ i5-14500 Processor	Intel® Core™ i7-14700K Processor
Cooler	Air Cooler	Air Cooler	Liquid Cooler
GPU	GTX 1660 Super	RTX 5060 8G GDDR6	RTX 5060TI 8G GDDR6
Memory	32GB(16GB x 2), DDR5		
SSD	250GB, SATA3	250GB, SATA3	256GB, M.2 NVME
HDD (Optional)	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 Environment	Temperature : 0°C to +40°C(32℉ to 104℉), Humidity : 20% ~ 85% RH		
Approvals	CE, UKCA, FCC		
NDAA	Compliant		
Color & Material	Black & Metal		
Dimensions(mm)	488(W) x 88.8(H) x 600(D), 2U(19" Rackmount System)		
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

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VCA Server (Input Video : 15fps@480p)			
DL Object Tracker	Up to 26 channels	Up to 110 channels	Up to 137 channels
DL People Tracker	Up to 26 channels	Up to 110 channels	Up to 137 channels
DL Skeleton Tracker	Up to 23 channels	Up to 100 channels	Up to 105 channels
DL Thermal Tracker	Up to 26 channels	Up to 122 channels	Up to 143 channels
DL Fisheye Tracker	Up to 23 channels	Up to 105 channels	Up to 111 channels
HOI Tracker	Up to 25 channels	Up to 99 channels	Up to 128 channels
Shelf Clearance	Up to 25 channels	Up to 110 channels	Up to 143 channels
Fall	Up to 15 channels	Up to 75 channels	Up to 80 channels
Aggressive	Up to 6 channels	Up to 64 channels	Up to 74 channels
Behavior	Up to 5 channels	Up to 53 channels	Up to 58 channels
Hands Up	Up to 23 channels	Up to 100 channels	Up to 105 channels
Accessory	Up to 15 channels	Up to 59 channels	Up to 64 channels
QR Code	Up to 13 channels	Up to 28 channels	Up to 40 channels

Smoke and Fires			
Input Video : 15fps@480p	Up to 8 channels	Up to 19 channels	Up to 36 channels
Input Video : 15fps@720p	Up to 4 channels	Up to 5 channels	Up to 10 channels

Forensics (Input Video : 15fps@480p)			
Forensics	Up to 11 channels	Up to 63 channels	Up to 75 channels

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Dimensions (Units : mm)

25

88.8

600

438

25