

Technical Specifications

Ai Bridge

FOR VIDEO ANALYTICS APPLICATION

- VCAserver & VCAforensics
- VCAnx
- RetailTrend
- ALPR Server



SYSTEM					
Model	ABP301	ABP302	ABP302-FS	ABP302-ALPR	ABP302-NX
Core Module	Orin Nano 4GB	Orin Nano 8GB			
SSD (M.2 NVMe)	500GB	500GB	500GB	500GB	1TB
Network	Gigabit Ethernet				
Power	DC 12V/5A (1 x DC power jack)				
Operating Temperature	0°C to +50°C(32°F to 122°F)				
Operating Humidity	20% ~ 85% RH				
Approvals	CE, UKCA, FCC				
NDAA	Compliant				
Color & Material	Black/Silver & Metal				
Dimensions	128.5mm(W) x 39.1mm(H) x 79mm(D)				
Weight	Approx. 350g				

EXTERNAL PORTS	
USB	2 x USB 3.1 Gen (Type-A)
HDMI	1 x micro HDMI
Network	2 x RJ-45

VCA Server

Input Video : 6fps@640x480

DLOT	8 channels	12 channels			
DLPT	8 channels	12 channels			
DLST	8 channels	12 channels			
DLFT	6 channels	12 channels			
DLTT	8 channels	12 channels			

Input Video : 12fps@640x480

DLOT	4 channels	8 channels			
DLPT	4 channels	8 channels			
DLST	4 channels	8 channels			
DLFT	4 channels	6 channels			
DLTT	4 channels	8 channels			
HOIT	4 channels	8 channels			
Fall	3 channels	4 channels			
Fight	2 channels	4 channels			
Fall + Fight	1 channels	3 channels			
Accessory (PPE)	1 channels	3 channels			

Input Video : 15fps@640x480

Smoke & Fire		3 channels			
DLOT/DLPT + Smoke & Fire		4 channels + 1 channels			

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FACE					
Input Video : 15fps@720p					
Face Recognition		9 channels			
Forensics					
Input Video : 6fps@640x480					
Forensics			9 channels		
Input Video : 12fps@640x480					
Forensics			4 channels		
VCA NX					
Bitrate(1st stream) : 2Mbps, Input video for VCA(2nd stream) : 7fps@640x360, 8CH Nx Witness					
DLOT/DLPT					8 channel
Bitrate(1st stream) : 2Mbps, Input video for VCA(2nd stream) : 12fps@640x360, 8CH Nx Witness					
DLOT/DLPT					8 channel
DLST					8 channel
Fall					4 channel
Fight					4 channel
Fall + Fight					3 channel
Accessory (PPE)					3 channel
RetailTrend					
Input Video : 6fps@640x480					
RetailTrend		12 channels			
ALPR					
Input Video : 25fps@640x480					
ALPR & MMC				5 channels	

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Dimensions (Unit: mm)

