

Technical Specifications

# Ai Bridge

FOR VIDEO ANALYTICS APPLICATION

- VCAserver
- VCAforensics
- NetworkOptix Nx Witness with VCAnx



SYSTEM			
Model	ABP301	ABP302	ABP302-NX
Core Module	Orin Nano 4GB	Orin Nano 8GB	
SSD (M.2 NVMe)	250GB	500GB	1TB / 2TB
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		
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

Applications			
<b>Input Video : 6fps@640x480</b>			
DLOT/DLPT	Up to 8 channels	Up to 12 channels	
DLOT/DLPT + Forensics	Not supported	Up to 9 channels	
<b>Input Video : 12fps@640x480</b>			
DLOT/DLPT	Up to 4 channels	Up to 7 channels	
DLOT/DLPT + Forensics	Not supported	Up to 4 channels	
DLST	Up to 3 channels	Up to 5 channels	
DLST + Fall	Up to 2 channels	Up to 4 channels	
DLST + Aggressive Behavior	Up to 2 channels	Up to 4 channels	
HOIT	Up to 2 channels	Up to 4 channels	
<b>Bitrate(1st stream) : 2Mbps, Input video for VCA(2nd stream) : 7fps@640x360, 8CH Nx Witness</b>			
DLOT/DLPT			Up to 8 channel
<b>Bitrate(1st stream) : 2Mbps, Input video for VCA(2nd stream) : 12fps@640x360, 8CH Nx Witness</b>			
DLOT/DLPT			Up to 7 channel
DLST			Up to 5 channel
DLST + Fall			Up to 4 channel
DLST + Aggressive Behavior			Up to 3 channel

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

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Dimensions

(Unit: mm)

