Ai Bridge
ABP100

Technical Specifications

Ai Bridge

FOR VIDEO ANALYTICS APPLICATION

- VCA Server



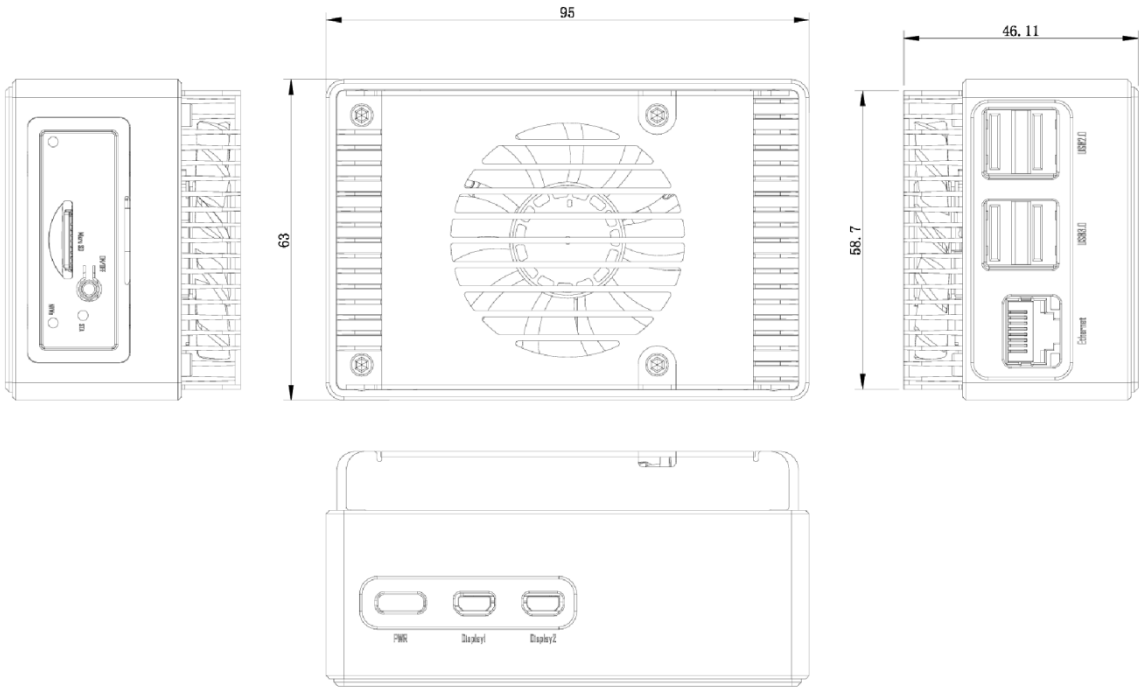
SYSTEM	
Model	ABP100
CPU	Broadcom BCM2712 / Quad-core Cortex-A76@ 2.4GHz
Memory	Up to 8GB LPDDR4X-4267 SDRAM
AI Acceleration Module	Hailo-8 (Up to 26 TOPS)
OS	Ubuntu OS
SD Card(For OS)	64GB
SSD (M.2 NVMe)	-
Network	Gigabit Ethernet
Power	5V/5A DC power via USB-C, with Power Delivery support(27 Watt)
Operating Temperature	0°C to +40°C(32°F to 104°F)
Operating Humidity	10~95% RH
Approvals	CE, UKCA, FCC
NDAA	Compliant
Color & Material	Black/Silver & Metal
Dimensions	95mm(W) x 63mm(D) x 46mm(H)
EXTERNAL PORTS	
USB	USB2.0 Ports x 2 (USB-A) USB3.0 Ports x 2 (USB-A) Type-C for Power In x 1
HDMI	2 x micro HDMI
Network	1 x RJ-45
OTHERS	
RTC	Hardware Real-time clock (RTC), Battery
Heat Dissipation	Fan+ Heatsink
APPLICATIONS	
Input Video : 6fps@640x480	
DLOT(VCAproAi)	8 channels
DLPT(VCAproAi)	12 channels
DLTT(VCAproAi)	13 channels
Input Video : 12fps@640x480	
DLOT(VCAproAi)	6 channels
DLPT(VCAproAi)	8 channels
DLTT(VCAproAi)	8 channels

** DLOT : Deep Learning Object Tracker, DLPT : Deep Learning People Tracker, DLTT : Deep Learning Thermal Tracker

Technical Specifications

Dimensions

(Unit: mm)



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