

MV-VB2100-032/120G Intel Bay Trail Platform Based Vision Box

The Hikvision MV-VB2100-032/120G Intel Bay Trail Platform Based Vision Box is a high quality device that can be used in a variety of applications, including robotics, medical equipment, laser equipment, CNC assets, machine vision applications such as packaging inspection, bottle inspection etc.

Key Features

- On-board Intel E3845 SoC, 1.91GHz CPU, providing more than 200% CPU and 350% GPU performance of the last generation.
- Gen7 GPU, optimizing the image processing algorithms to improve performance.
- Ultra-compact structural design, suitable for the requirements in industrial occasions.
- 4GB DDR3L memory.
- $-10^{\circ}C^{+}50^{\circ}C$ without cooling fan.
- Two Intel Gigabit Ethernet ports; enhanced surge prevention design provides high level protection of the ports, ensuring stable connection to machine vision cameras.
- Two independent HDMI ports.
- Support GPIO

Application Scenarios

- Robotics
- Medical equipment
- Laser equipment
- CNC assets
- Machine vision applications such as packaging inspection, bottle inspection

Order Models MV-VB2100-032G MV-VB2100-120G

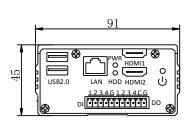


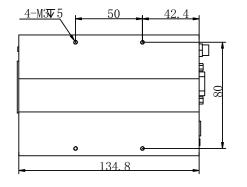


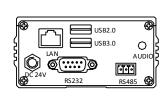
Specifications

Model	MV-VB2100-032G	MV-VB2100-120G
Parameters	Intel Bay Trail Platform Based Vision Box	
Device		
CPU	Intel E3845, Quad Core, 1.91GHz	
Memory	4GB DDR3L-1333	
Image/Video	Integrated Gen7 GPU	
	 Support various video mode decoding, hardware-accelerated 	
	• H.264 video coding	
Display	2 × HDMI ports, independent display outputs, support max resolution 2560×1600	
Network	2 × Intel i210 GigE controller	
	2 × RJ45 adaptive Ethernet port (10-1000Mb/s)	
	Enhanced surge prevention design	
Hard Drive	32GB SSD	120GB SSD
USB	1 × USB 3.0 host port	
	3 × USB 2.0 host port	
Serial Port	1 × half-duplex RS485 port (non-Isolated)	
	1 × RS232	
GPIO	8 × GPIOs (4inputs, 4 outputs)	
Light Interface	NA	
Audio	High definition audio stereo line-out and mono mic-in	
Power	DC 24V/1A	
Dimension	135mm (Length)×91mm (Width)×45mm (Height)	
Power Consumption	≤14W	
Working Temperature	-10°C~+50°C, no air flow	
Operating System	Win7, Win10	

Dimensions







Unit:mm

HIKVISION

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