

# MV-VB2110-120G

## Intel Bay Trail Platform Based Vision Box



The Hikvision MV-VB2110-120G 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°C~+50°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.
- Embedded 24W light control interface, can output power supply and adjust brightness to light.
- 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 Model

MV-VB2110-120G



## Specifications

Model	MV-VB2110-120G
Parameters	Intel Bay Trail Platform Based Vision Box
<b>Device</b>	
CPU	Intel E3845, Quad Core, 1.91GHz
Memory	4GB DDR3L-1333
Image/Video	<ul style="list-style-type: none"> <li>● Integrated Gen7 GPU</li> <li>● Support various video mode decoding, hardware-accelerated</li> <li>● H.264 video coding</li> </ul>
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	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	1 x voltage controlled, output voltage 0-24VDC, maximum power 24W
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

