

# MV-VB2210-120G

Intel Bay Trail Platform Vision Box



## Introduction

MV-VB2210-120G vision box adopts Intel E3845 CPU and memory of 4GB DDR3L. It features stable performance, compact design, and fast response, etc.

## Key Feature

- Onboard Intel E3845 SoC and 1.91GHz CPU
- 4GB DDR3L memory and onboard SSD of high reliability
- 3 Intel GigE ports and enhanced anti-surge design to ensure the stable running of the machine vision cameras
- Supports multiple opto-isolated inputs and outputs
- Controls the light via light interface
- Adopts 2 HDMI interfaces and supports independent display

## Available Model

MV-VB2210-120G

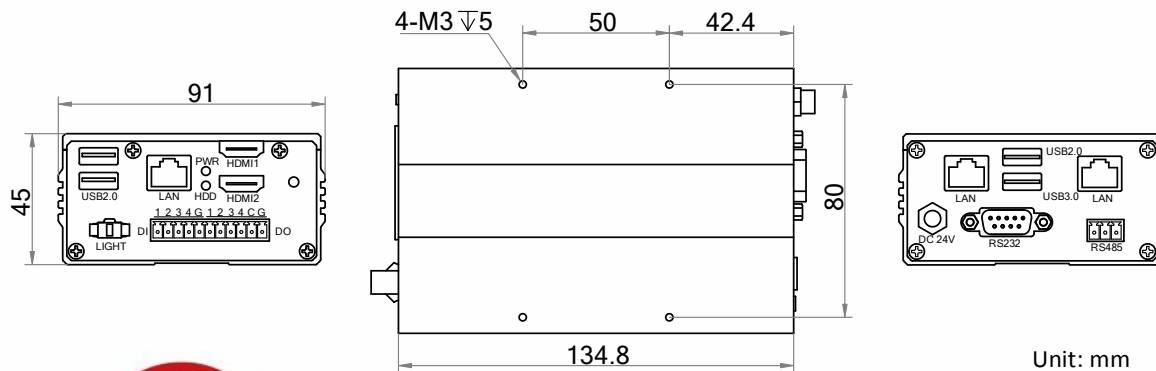
## Applicable Industry

Robots, laser devices, numerical control machine, package detection devices, etc.

## Accessories

- Video output cable: It is recommended to use HDMI cable if the monitor is with HDMI interface.  
You need to purchase HDMI-VGA cable if the monitor is with VGA interface.
- Mounting plate: It is used to fix the device, and you need to purchase separately.

## Dimension



Unit: mm



## Specification

<b>Model</b>	<b>MV-VB2210-120G</b>
<b>Performance</b>	
<b>CPU</b>	Intel E3845, quad-core 1.91GHz
<b>Memory</b>	4GB DDR3L-1333
<b>Storage</b>	128GB SSD
<b>GPU</b>	Integrated Gen7 GPU; supports 3D image hardware acceleration; supports video decoding hardware acceleration of different formats
<b>Operating system</b>	Windows 7/10
<b>External interface</b>	
<b>Video output</b>	HDMI interface x 2; supports independent display; max. resolution: 2560 × 1600
<b>GPIO</b>	Opto-isolated input x 4, opto-isolated output x 4
<b>Light interface</b>	Voltage control x 1; output voltage: 24 VDC; max. power: 24 W
<b>Network interface</b>	RJ45 Intel I210 interface x 3
<b>USB interface</b>	USB3.0 x 1, USB2.0 x 3, supports 1 built-in extensible USB2.0
<b>Serial port</b>	Half-duplex RS-485 x 1, RS-232 x 1
<b>Electrical features</b>	
<b>Power supply</b>	24 VDC/2.5 A
<b>Power consumption</b>	≤ 34 W
<b>Structure</b>	
<b>Dimension</b>	134.8 mm x 91 mm x 45 mm (5.3" x 3.6" x 1.8")
<b>Weight</b>	Approx. 650 g (1.4 lb.)
<b>Temperature</b>	0 °C to 50 °C (32 °F to 122 °F)
<b>Humidity</b>	20% to 80% RH, without condensation
<b>General</b>	
<b>Certifications</b>	CE, FCC, RoHS

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