CV-H100C

High-speed 1-million-pixel Color Camera

CE

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

🛈 This model has been discontinued.
Compliance with the certification standard is ensured as of the time of shipment from our company.

Contact Us: 1-888-539-3623

Recommended Replaceable Products: 16× speed, high-performance 2 megapixel camera (Color) - CA-H200CX

Specifications

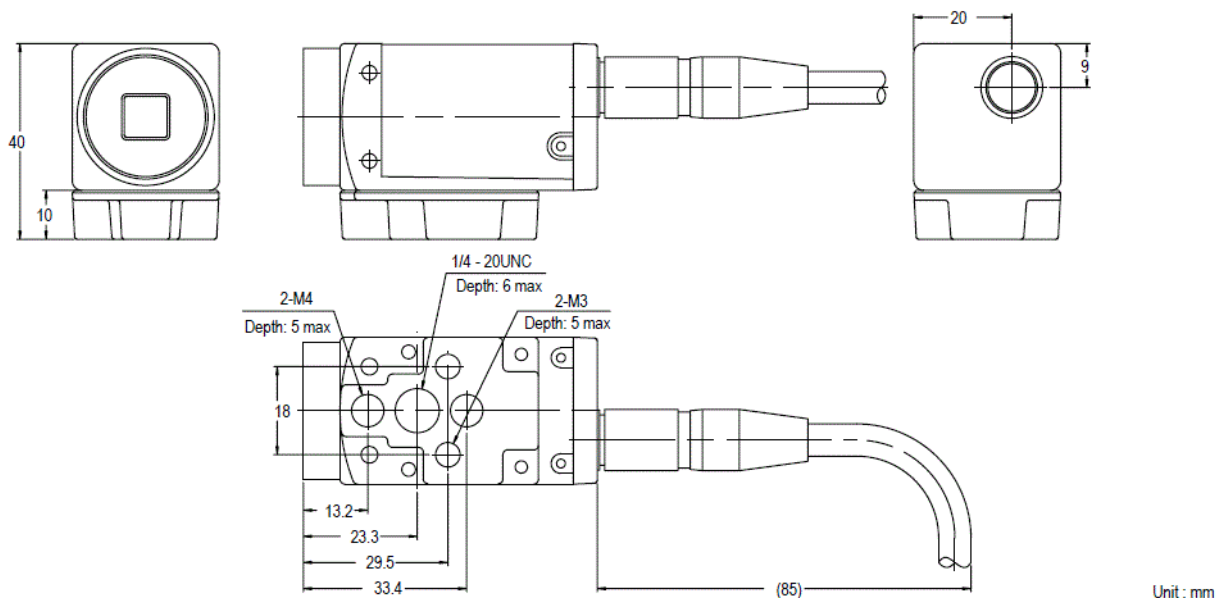| Model		CV-H100C
Type		Camera*1
Image element		2/3-inch color CCD image receiving element, 7 x high-speed reading using square-pixel, 1,040,000 pixelsUnit cell size 7.4 x 7.4 μm
Valid pixel count		1000000 pixels 1000 (H) × 1000 (V)
Pixel transfer frequency		80 MHz 40 MHz × 2ch
Scanning system		Progressive (20.5 ms)
Transfer system		Digital serial transfer
Electronic shutter		1/15, 1/30, 1/60, 1/120, 1/240, 1/500, 1/1000, 1/2000, 1/5000, 1/10000, 1/20000, 0.05 msec to 9000 msec can be set with numeric values.
Lens mount		C mount
Environmental resistance	Ambient temperature	0 to +40 °C 32 to 104 °F
	Relative humidity	35 to 85 % RH (No condensation)
Weight		Approx. 120 g (not including lens)

*1 Only the high-speed camera cable can be used.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

Camera (CV-H500C/H500M/H200C/H200M/H100C/H100M/H035C/H035M)

When plastic mount is attached (default state when shipped from factory)

20

40

9

10

2-M4
Depth: 5 max

1/4 - 20UNC
Depth: 6 max

2-M3
Depth: 5 max

18

13.2
23.3
29.5
33.4

(85)

Unit : mm

When plastic mount is not attached

30

30

60

7.5

41

31

φ28

18

31.4

10.8
13.5

8-M3
Depth: 4 max

φ7.2

3-M2.5
Depth: 2 max

23

12.7

13.5
44.5

Unit : mm