

Description

Ultra-compact head separation USB3.0 camera

Features

The lineup includes two models , VGA and 4M. Global shutter type allows moving objects to be captured without blurring by simply.





#### Product Lineup

USB3 Vision		Available	Available	
Resolution		VGA	4M	
Model No.	B/W	STC-RHB33U3V-U	STC-RHB401U3V-U	
	Color			
	B/W near-infrared			
Frame Rate		94fps	67fps	
Effective Pixels		648 x 494	2048 x 2048	
Sensor Size		1/3"	1"	
Cell Size (H x V, μm)		7.4 x 7.4	5.5 x 5.5	
Imaging Area (H x V x D, mm)		3.6 x 4.8 x 6	11.264 x 11.264 x 15.930	
Sensor	B/W	ICX424	CMV4000	
	Color			
Lens Mount		C-Mount	C-Mount	

#### External Connector Specifications

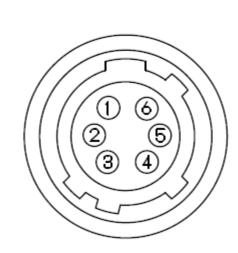
External Link Connectors

USB: USB 3.0 MicroB type, I/O signals: HR10A-7R-6PB (Hirose) or equivalent

▶ The power supply of this connector is for the output signal, and not for the camera. The camera power supply is supplied in +5V from the USB path via the USB connector. In addition, it does not affect the voltage for the input signal.

### Pin Assignments

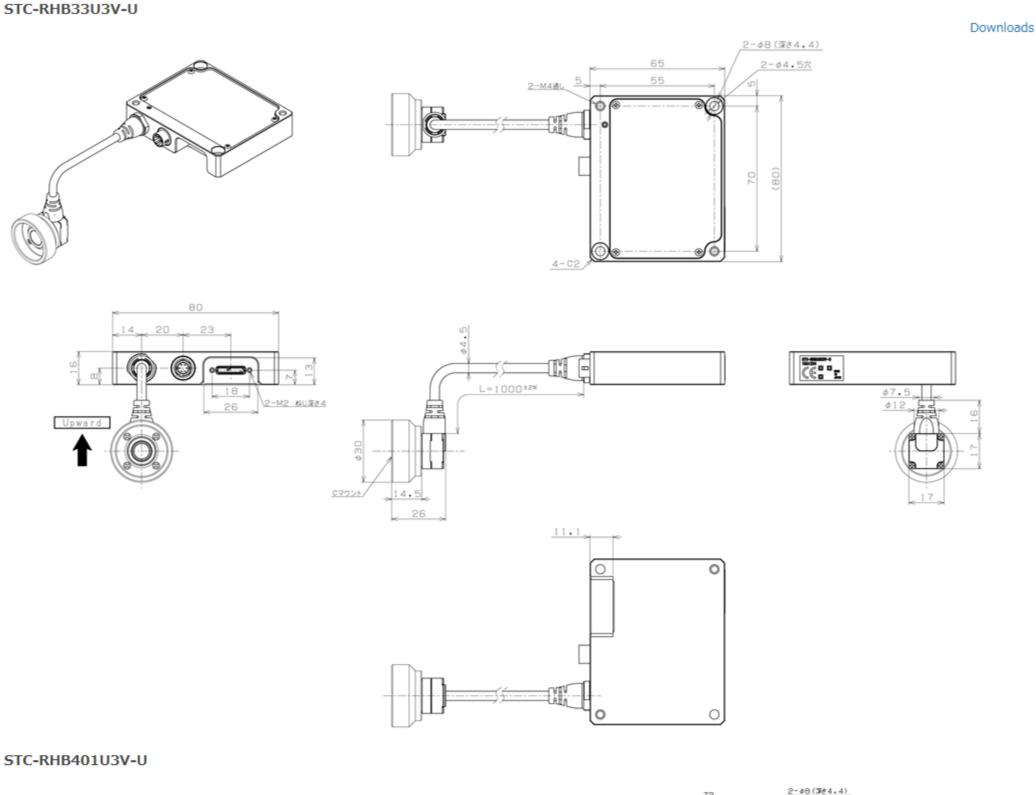
Pin No.	Pin No. Signal Name	
1	IO_GND	-
2	GPIO2	IN/OUT
3	GPIO1	IN/OUT
4	GPIO0	IN/OUT
5	CAM_RESET	IN
6	N.C.	-



Rear view

- \*The maximum rated voltage for CAM\_RESET, GPIO0, GPIO1 and GPIO2 is +24V.
- \*Please "OPEN" electrically for NC (Pin 6).

## External View



# STC-RHB401U3V-U

