2 Appearance and Dimensions

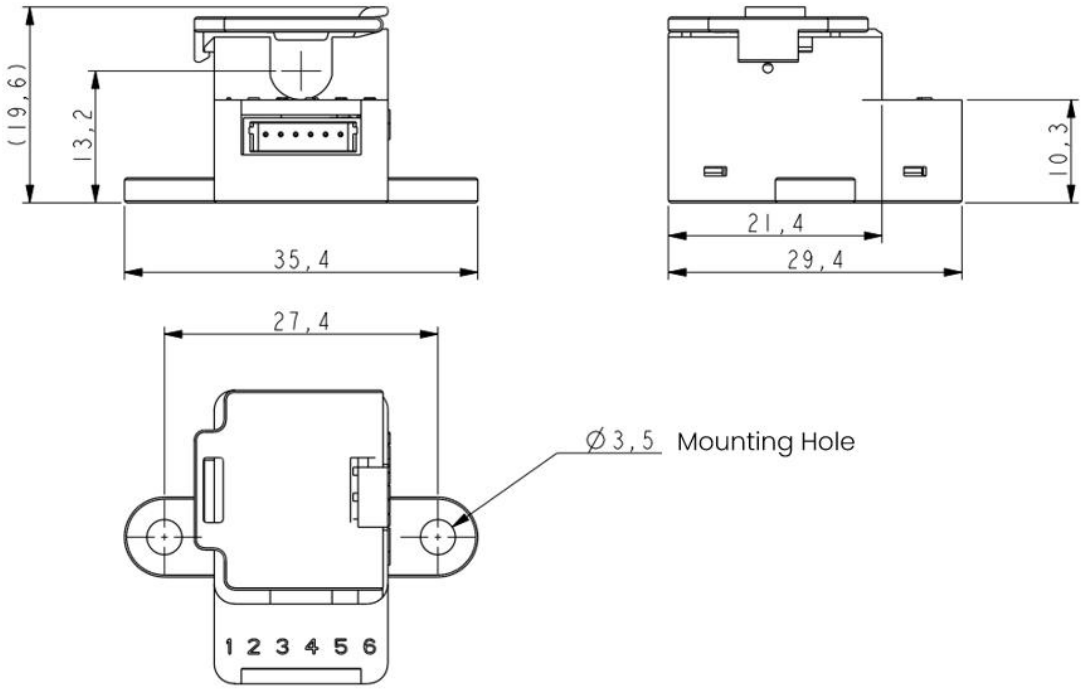


Figure 1 ABD-06M-Vxx (Note 1) Outline Dimensions

Table 1 Interface Definition

Interface Definition				
Interface Model	No.	Signal	Type (Note 2)	Illustrate
S6B-ZR-SM4A-TF	1	VCC	P	+5V DC Power
	2	GND	G	GND / Power Ground
	3	OUT	O	Photoelectric Conversion Voltage (0-5V Analog)
	4	RX	I	Rx (TTL Level)
	5	TX	O	Tx (TTL Level)
	6	OUT	O	IO level: Active-high alarm (5V), requires a pull-up resistor

Note1:

All models share identical external dimensions and mounting holes; only tubing clamp diameter differs.

Vxx suffix denotes tubing outer diameter. V16/V20/V25/V32/V40/V48/V60/V64.

Pin 6 Requirements: Max applied voltage < 25V, Max sink current < 50mA. Pull-up resistor required.

Note2:

P=Power， G=Ground， I=Input，O=Output，I/O=Bidirectional Input/Output.