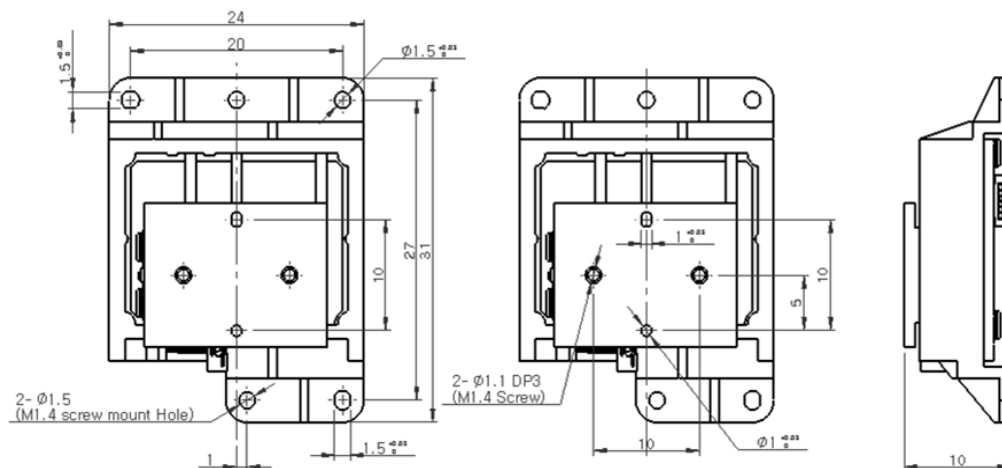
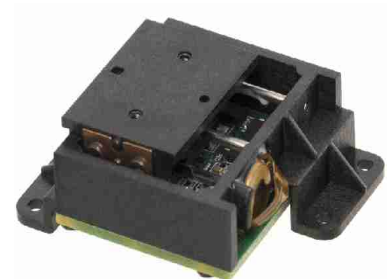




Technical Description

General Specifications	Full stroke	6.5 ±0.2 mm
	Real Stroke	6 mm
	Dimensions	31x24x10 mm
	Weight	< 5 g
	Vertical Load	≤ 10 g
	Horizontal Load	≤ 20 g
	Holding Force	150±10 gf
	Speed (at Real stroke)	> 10 mm/s
Close Loop Performance	Resolution	0.1 µm with incremental encoding
	Repeatability	± 2 µm
	Accuracy	± 10 µm
Mechanical	Static parallelism	≤10'(15µm at 5mm Stroke)
	Pitch and Yaw	≤10'
Enviroment	Relative Humidity	≤ 70%
	Operation Temperature	0°C ~ +50°C
	Storage Temperature	-30°C ~ +80°C
	Life time	1,000,000 cycles (at full stroke)
Electrical	Controller	embedded PMC1901
	Power Input	5V DC(3W max.)
	Interface	USB3 to PC or RS232
Software	Install Driver	CDM2.04.06.exe or FTDI
	PC Terminal	over Serial COM Port



Application example

