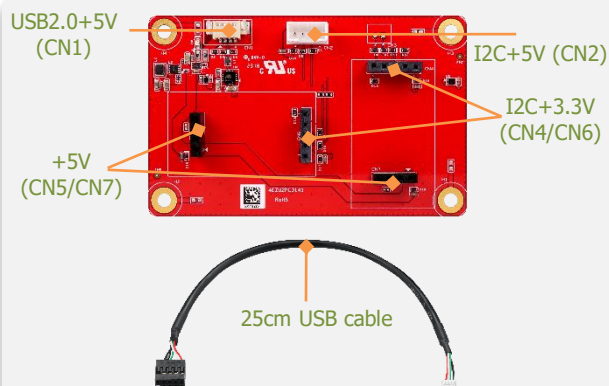
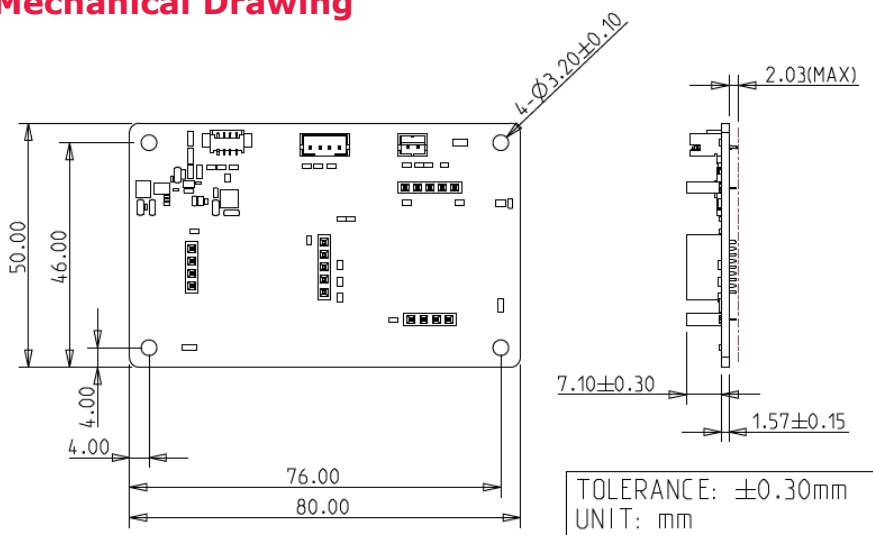


**Features**

- Support SYSINNO Sensor Module
- Optional VOC, HCHO, CO₂, CO, O₃, PM
- Compliant with USB 2.0 specification
- UHCI/OHCI (USB 1.1), EHCI (USB 2.0), xHCI (USB 3.1) Host Controller Compatible
- USB Human Interface Device (HID) class: No driver installation needed
- HID to I2C Master specification support
- Provide Windows/Linux SDK for sensor data acquisition
- Support 3 x I2C interface with power output
- On board Relative Humidity and Temperature Sensor
 - Relative humidity accuracy: up to $\pm 1.8\%$ RH
 - Temperature accuracy: up to $\pm 0.2\text{ }^{\circ}\text{C}$
- Complies with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Industrial temperature(-40 $^{\circ}\text{C}$ to 85 $^{\circ}\text{C}$) operation
- 30 μ " golden finger, 3-year warranty
- Industrial design, manufactured in Innodisk Taiwan

Mechanical Drawing

I2C Pin Define (CN2)	
1	GND
2	SDA
3	SCL
4	5V

USB Pin Define (CN1)	
1	5V
2	D-
3	D+
4	GND

I2C Pin Define (CN4/CN6)	
1	3.3V
2	SDA
3	SCL
4	GND
5	RST

CN5/CN7 Pin Define	
1	5V
2	NC
3	NC
4	GND

Specifications**Headquarters (Taiwan)**

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are subject to change without
prior notice.

Form-Factor	Other
Input I/F	USB 2.0 Full Speed
Output I/F	I2C (3.3V)
Output Connector	P2.54mm Pin Header x4 (CN4+CN5, CN6+CN7) P2.0mm Connector x1 (CN2)
Power Consumption	MAX: 0.695W (3.3V, 139mA)
Dimension (WxLxH)	50 x 80 x 8.82 mm
Temperature	Operation: STD: -40 $^{\circ}\text{C}$ ~ +85 $^{\circ}\text{C}$ Storage: -55 $^{\circ}\text{C}$ ~ +95 $^{\circ}\text{C}$
Environment	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
Notes	Human Interface Device (HID) class is natively supported in almost all operating systems. No custom driver is required to be installed. Please download Windows/Linux SDK from MyInnodisk website.

Order information

ES France - Mobilité & Systèmes Embarqués
127 rue de Buzenval BP 26 - 92380 Garches



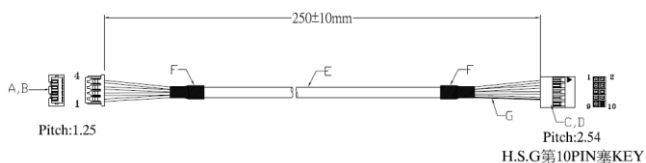
Tél. 01 47 95 99 80
Fax. 01 47 01 16 22



e-mail : mse@es-france.com
Site Web : www.es-france.com

Sensor	P/N	Description	Dimension L x W x H (mm)
	EA3-2AAS2M0M006A2	IAGM2 PM Sensor Module	58 x 48 x 15.5
	EA3-2AASMM10I12F0	IAGCO CO Sensor Module	26.4 x 24.7 x 10.8
	EA3-2AASMM40I12D0	IAGM1 HCHO Sensor Module	26.4 x 24.7 x 10.8
	EA3-2AASMM20I12A0	IAGVOC TVOC Sensor Module	26.4 x 24.7 x 10.8
	EA3-2AASMM80I12S3	IAGO3 O3 Sensor Module	26.4 x 24.7 x 10.8
	EA3-2AASMM0CI03S4	IAGCO2 CO2 Sensor Module	37 x 21 x 14.8

USB Cable Drawing



CIRCUITS:

MATERIAL:

A:H.S.G P/N:M125H-04
 B:TERMINAL P/N:M125P
 C:H.S.G P/N:2562H-10(2x5P),BK,杜邦2.54,無凸點
 D:TERMINAL P/N:2563-P
 E:UL 2725 28#/1P+28#/2C+AEB
 OD:3.8 COLOR:BLACK 2.0版
 F:TUBE:BK
 G:TUBE:BK

Pitch:1.25 Pitch:2.54
 A:H.S.G 4P C:H.S.G 2x5P

4-----1 紅
 3-----3 白
 2-----5 綠
 1-----7 黑
 CUT-----8 braid
 10KEY

Assembly Example

