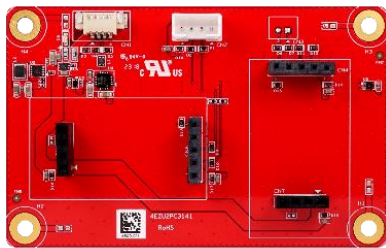


SENSING INTELLIGENCE

AIR SENSOR

innodisk



EZU2-I301

USB to I2C Sensor Carrier Board

HIGHLIGHT FEATURES

- Supports Sysinno Sensor Module
- Optional VOC, HCHO, CO₂, CO, O₃, PM
- USB Human Interface Device (HID) Class : No driver installation needed
- Provides Windows / Linux SDK for sensor data acquisition
- Supports 3 x I²C interface with power output

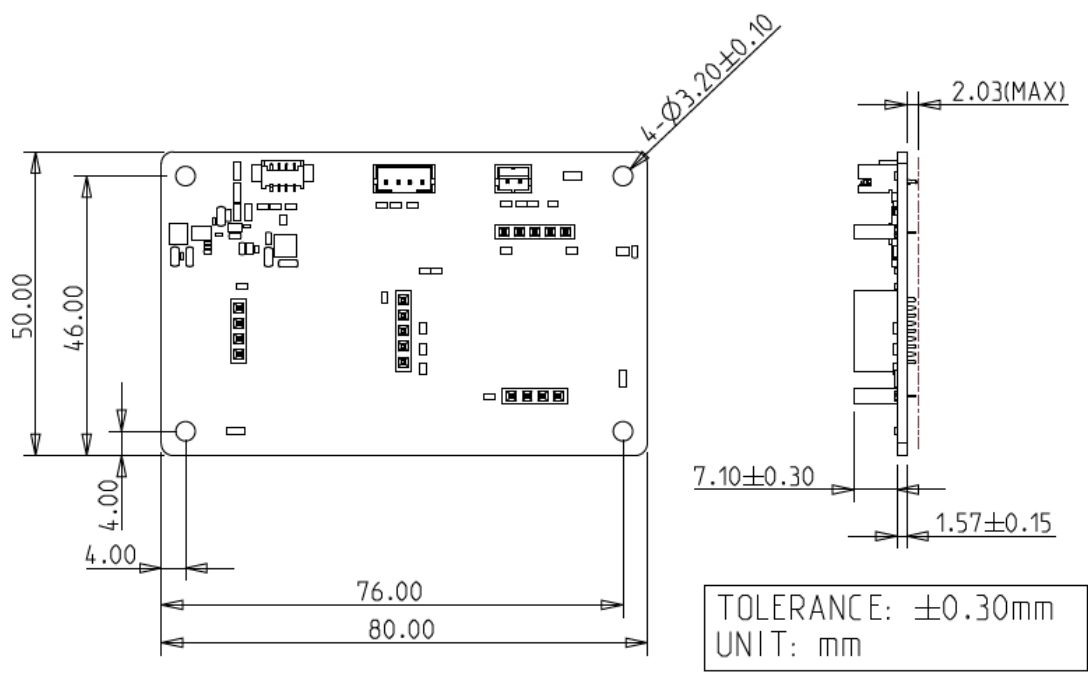
SPECIFICATIONS

Model Name	EZU2-I301
Module Type	USB to I ² C Sensor Carrier Board
Form Factor	Other
Input I/F	USB 2.0 Full Speed
Output I/F	I ² C (3.3V)
Output Port	3
Output Connector	4 x P2.54mm Pin Header (CN4 + CN5 ; CN6 + CN7) 1 x P2.0mm Connector (CN2)
Max. Power Consumption	0.695W (3.3V, 139mA)
Dimension (L x W x H/mm)	80 x 50 x 8.82
Temperature	Operation : W/T -40°C ~ 85°C (Ta) Storage : -55°C ~ 95°C (Ta)
Vibration	5G@[7~2000Hz]
Shock	50G@0.5ms
Warranty	3 Years
Notes	Human Interface Device (HID) class is natively supported in almost all operating systems. No custom driver is required to be installed.

ORDER INFO.

P/N	Description
EZU2-I301-W1	USB to I ² C Sensor Carrier Board

MECHANICAL DRAWING

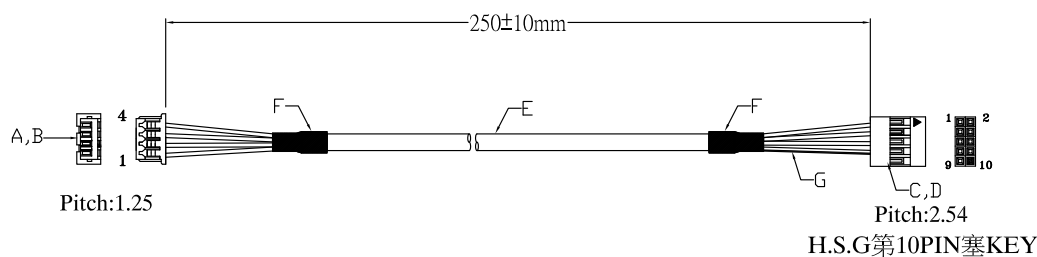


12C Pin Define (CN2)		USB Pin Define (CN1)		12C Pin Define (CN4 / CN6)		CN5 / CN7 Pin Define	
1	GND	1	SV	1	3.3V	1	5V
2	SDA	2	D-	2	SDA	2	NC
3	SCL	3	D+	3	SCL	3	NC
4	SV	4	GND	4	GND	4	GND
				5	RST		

APPLICABLE SENSOR MODULE LIST

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



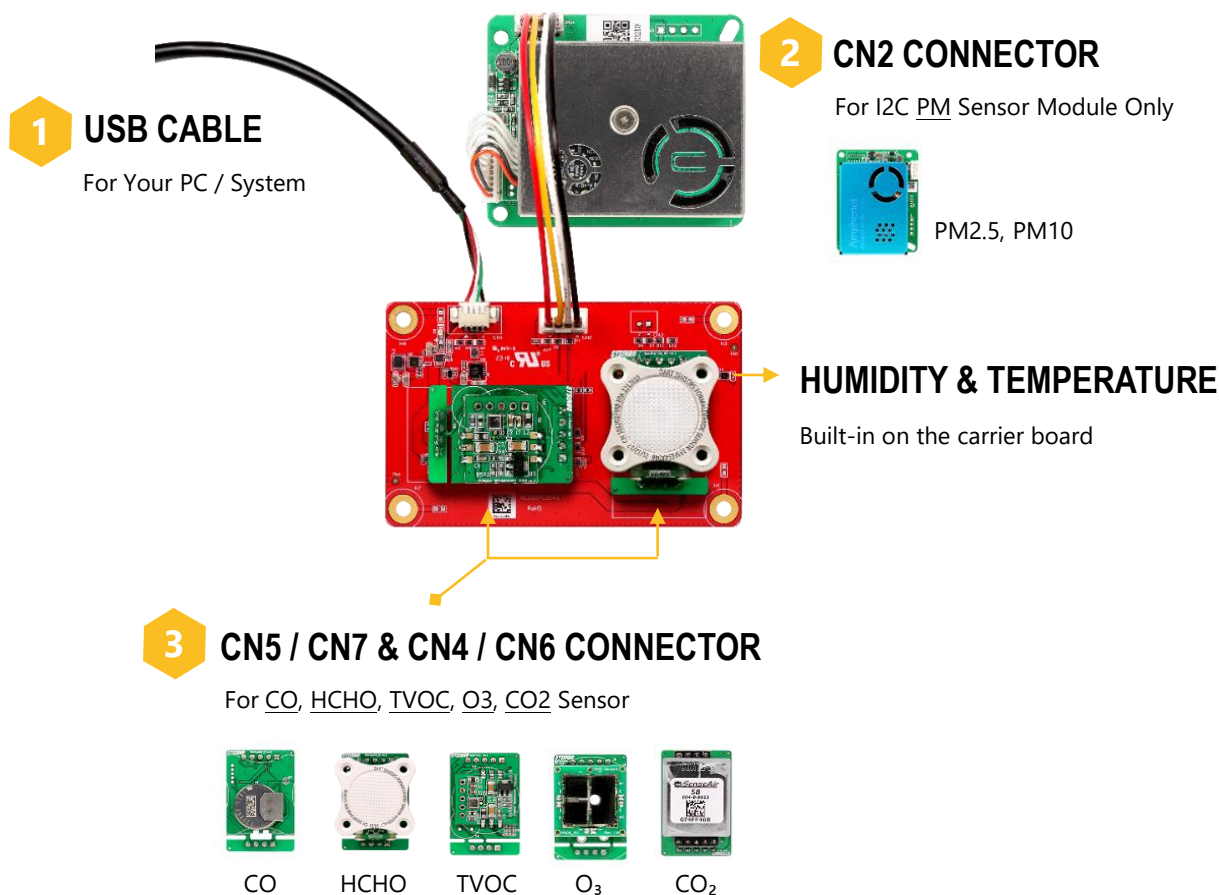
CIRCUITS:

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



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