This device is an USB interface to query circuits through an I2C bus. If needed, the Yocto-I2C can act as a voltage source to power the external circuit with 1.8V, 3.3V or 5V. The I2C communication can be configured to 1.8V or 3.3V.

The Yocto-I2C can autonomously query and parse I2C data coming from any external serial board and expose measures as if they were coming from a Yoctopuce sensor, with all the inherent advantages: unique identifier, polling, callbacks, data logger. Be aware that this device does not work with applications designed to use a COM port: it is designed to be used with Yoctopuce API only.

Specifications

Product ID	YI2CMK01
Hardware release[†]	
USB connector	micro-B
Width	20 mm
Length	50 mm
Weight	6 g
IEC protection class	class III
Normal operating temperature	5...40 °C
RoHS compliance	RoHS III (2011/65/UE+2015/863)
USB Vendor ID	0x24E0
USB Device ID	0x0093
Suggested enclosure	YoctoBox-Long-Thick-Black
Harmonized tariff code	3923.1000
Made in	Switzerland

[†] These specifications are for the current hardware revision. Specifications for earlier revisions may differ.

For more information: www.yoctopuce.com/EN/products/yocto-i2c