SPIDER Technical Datasheet SPI-PU2



General Description	
Type	SPI-PU2
Environment	Indoor
Data storage	Up to 3 years (depending on the number of counters)
Data privacy	4 privacy modes / data is only transmitted in text format and without any kind of personally identifiable information
Integration	API with Swagger documentation, data pushes, remote device management tool, count verification tool on-device
Number of Sensors	A single multisensor supports up to 350 connected sensors. SPIDER supports multiple multisensors, with a maximum of 500 sensors in total across all of them.

Electrical Characteristics	
Power supply	12 V DC Input (lockable)
Power consumption	Maximum 60 W, 5 A (Peak)
Power adapter	Includes two power cords of type A and type F. Power adapter has an AC connector of type IEC-60320 C13.

Environmental Conditions	
Operating temperature	0 °C to +40 °C / +32 °F to +104 °F
Cooling	Passive with 0.7 m/s airflow
Relative humidity	8% to 90% (non-condensing)
Storage temperature	-40°C to 70°C (-40°F to 158°F)

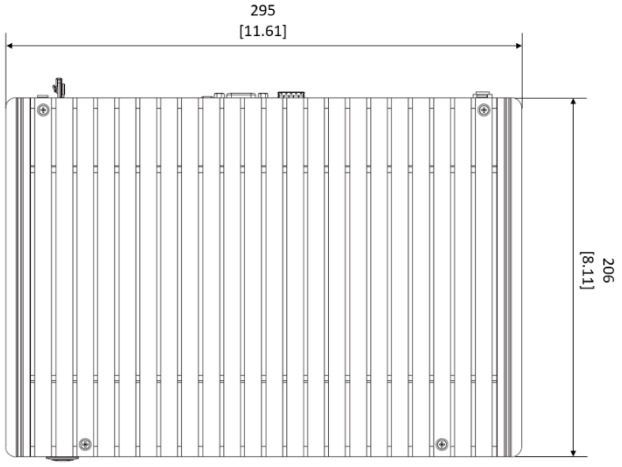
Physical Interfaces	
Ethernet	IEEE 802.3ab 1000Base-T (Gigabit Ethernet)
Connector	1x RJ 45 in use
Recommended cable	Up to 100 m / 328 ft, min. Cat-5e (shielded) or higher
I/O	USB Type A x 1 for USB 2.0
Monitor	VGA

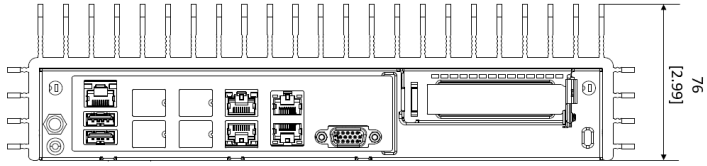
Network Interfaces	
Supported protocols	IPv6, IPv4, DHCP, HTTPS, IEEE 802.1x and password-protected configuration access
Data push protocols	HTTP(S), FTP(S), SFTP, MQTT(S), TCP, UDP

Mechanical Characteristics	
Mounting options	Wall-mount bracket
Weight Unit and mounting brackets	4146 g / 9.14 lb
Weight Power adapter	220 g / 0.49 lb
Dimensions (L x W x H)	Without bracket: 295 x 206 x 76 mm / 11.61 x 8.11 x 2.99 in With bracket: 295 x 350 x 80 mm / 11.61 x 13.78 x 3.15 in

Standards, approval, certificates	
EMC	EMC/EMI: 2014/30/EU (EMC Directive) Electromagnetic Compatibility Regulations 2016 FCC Part 15 Subpart B ICES-003 VCCI-CISPR 32 AS/NZS CISPR 32 BS/EN 55032 BS/EN 55035 CISPR 32 CISPR 24/CISPR 35 BS/EN 61000-3-2 BS/EN 61000-3-3 BS/EN 61000-4-2 BS/EN 61000-4-3 BS/EN 61000-4-4 BS/EN 61000-4-5 BS/EN 61000-4-6 BS/EN 61000-4-8 BS/EN 61000-4-11
Product Safety	Product Safety: 2014/35/EU (LVD Directive) UL/CSA 62368-1 (USA and Canada) Electrical Equipment (Safety) Regulations 2016 IEC/BS/EN 62368-1
Environment	2011/65/EU (RoHS Directive) EC 1907/2006 (REACH) 2012/19/EU (WEEE Directive) California Proposition 65

Dimensions in mm [inch]:





Published by

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