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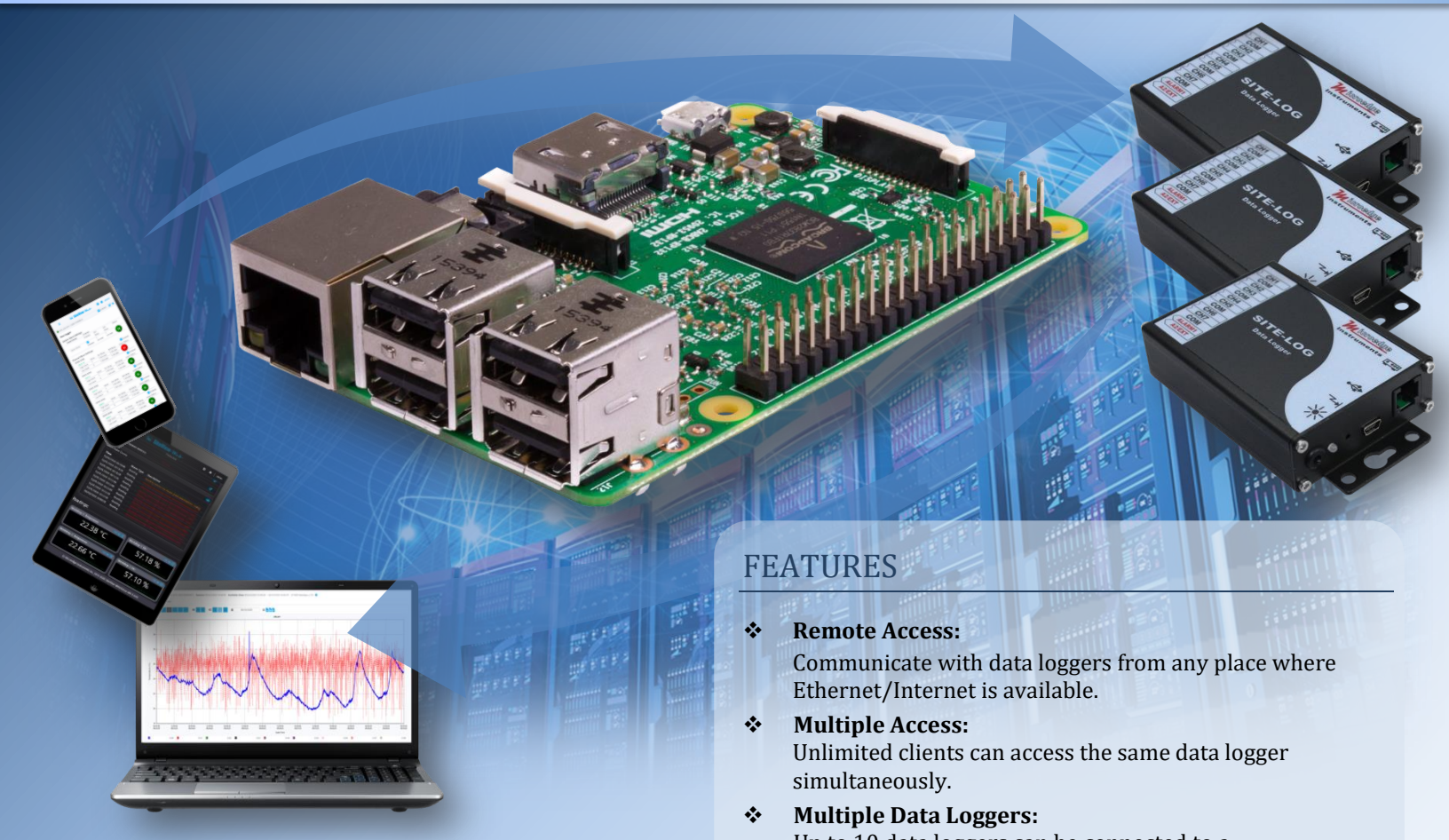
SITE USB DEVICE SERVER PRO

Product Specifications



OVERVIEW

Site USB Device Server Pro (DSP-1) is a USB-over Ethernet device server that allows Microedge's systems to access data loggers remotely.

DSP-1 is based on Single Board Computer (SBC), providing powerful performance at the maximum capacity.

Its slim form factor makes it perfect for system integration applications.

Just plug DSP-1 into your Ethernet port, connect data loggers to it and enjoy viewing and managing the data loggers from all software and systems Microedge offers such as SiteView, SiteView-Web and Pluto web server hardware.

If you don't have a cable network, no problem, DSP-1 has a WIFI module that can be used to connect to your local network wirelessly.

FEATURES

- **Remote Access:**
  Communicate with data loggers from any place where Ethernet/Internet is available.
- **Multiple Access:**
  Unlimited clients can access the same data logger simultaneously.
- **Multiple Data Loggers:**
  Up to 10 data loggers can be connected to a single DSP-1.
- **Secured Password Protection:**
  Only authorized clients can access and configure the data loggers. Web admin portal is provided for port and password configuration.
- **Dynamic IP Addressing:**
  The IP address is assigned automatically by the DHCP server after DSP-1 is connected to the network.
- **Power Source to Data Logger:**
  DSP-1 provides 5VDC power supply to the connected data loggers (up to four), preserving data loggers' on-board battery.
- **Both Ethernet Port and WIFI Module**
  The cabled and wireless network options make DSP-1 flexible for any applications.
- **True SBC and Slim Form Factor Design:**
  DSP-1 is credit-card-sized Single Board Computer, offering best performance with low power consumption.

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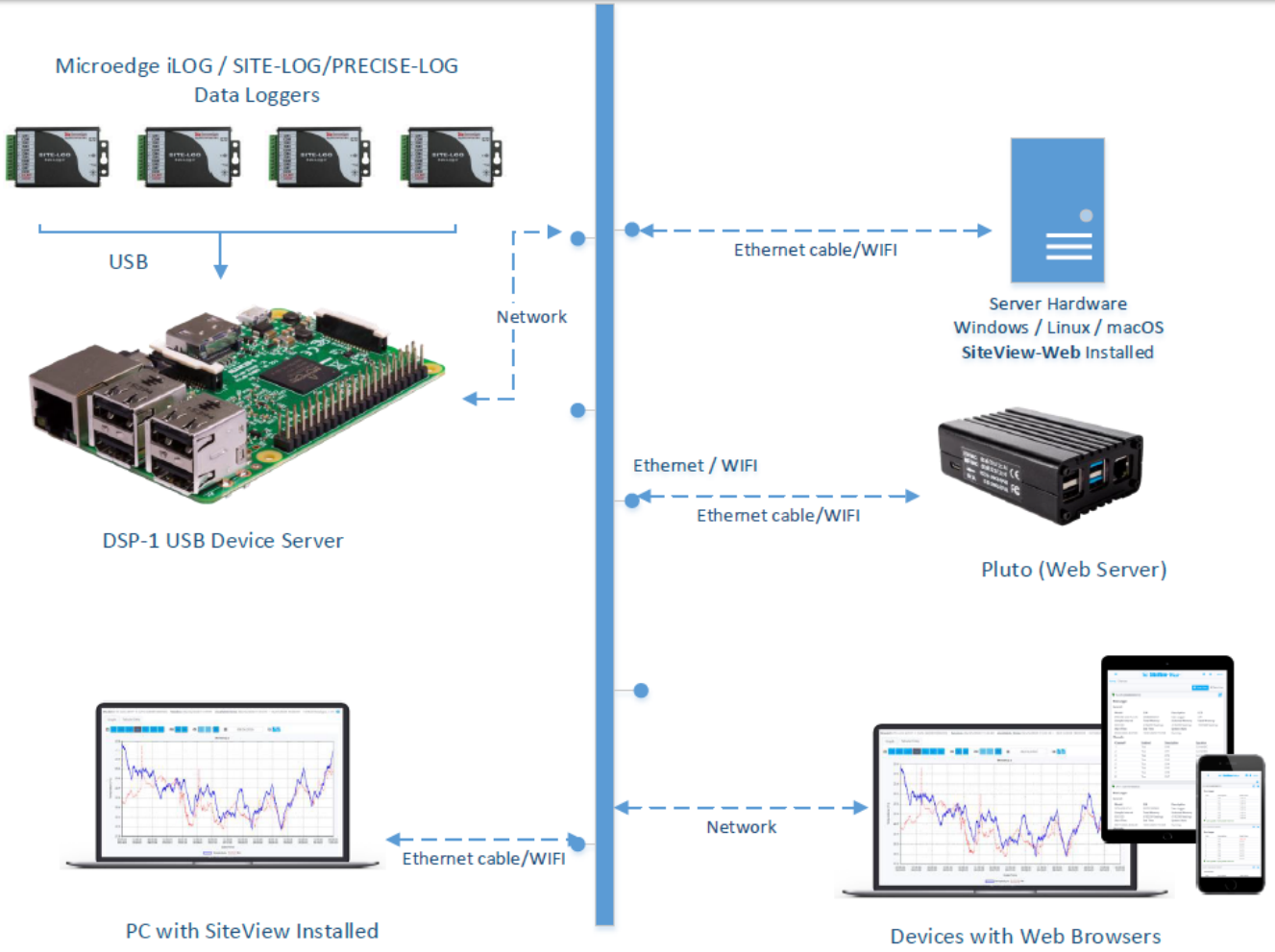
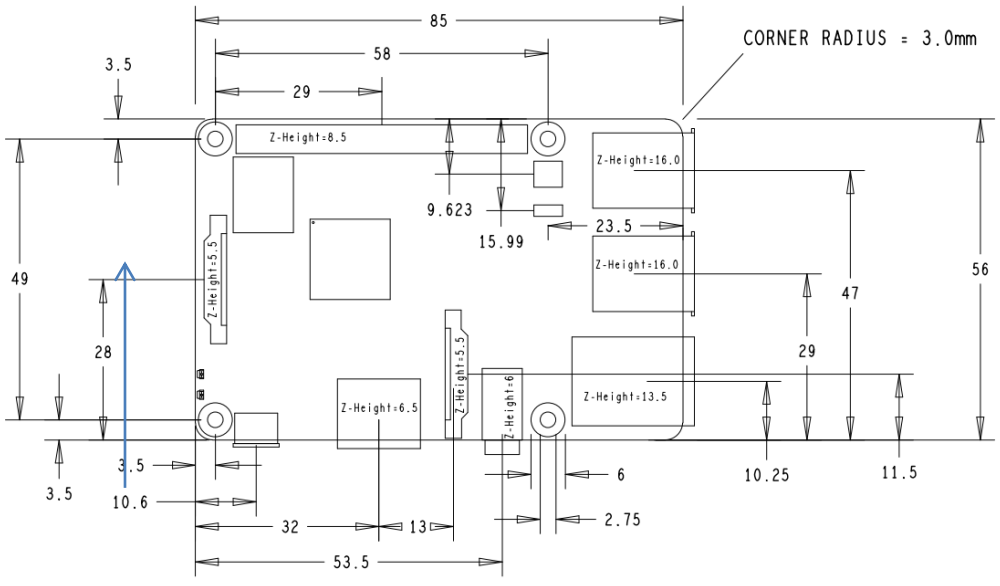
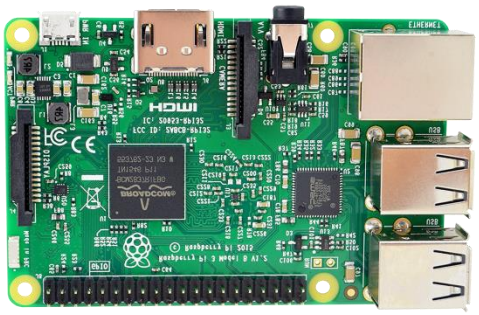
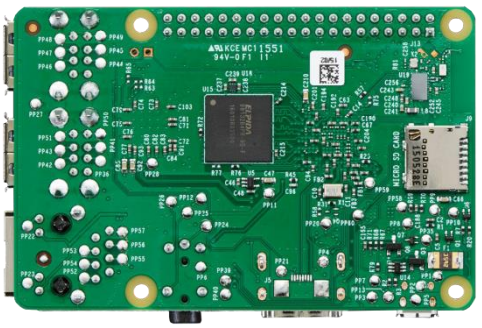


MECHANICAL







SITE USB DEVICE SERVER PRO

DETAILS

General Information	
Product Name	Site USB Device Server Pro
Model	DSP-1
Software	Embedded software supports communications with: SiteView, SiteView-Web, Pluto
IP Addressing	Dynamic
Power Requirements	5VDC, USB cable provided
Approvals	CE, FCC
Network Connections	
Ethernet	Ethernet (1 – RJ45 Female)
WIFI	1 – IEEE 802.11ac WIFI module
Data Logger Connections	
USB	4 – USB A Female. Powered USB hub required for more than four data loggers
Supported Data Loggers	SITE-LOG, iLOG, PRECISE-LOG
Capability	
Max. Data Loggers	Up to 10 data loggers can be accommodated
Max. Clients	Unlimited
Mechanical	
Operating Environment	0 ~ +50 °C (32 °F ~ 122 °F), 10 ~ 90% RH non-condensing
Dimensions	85 X 56 X 20 mm (3.35 X 2.2 X 0.79 in)
Weight	48g (0.106 pound)