

MINI GATEWAY




EMSYS Mini Gateway (SRV-1100) is primarily designed to serve smaller and remote sites as a Wireless to IP and IP to Wireless bridge. It is also an application server which means that it allows direct access to the collected data through a variety of interfaces.

ModbusTCP, ModbusRTU and SNMP are a few examples of industry standard protocols supported by EMSYS Mini Gateway.

OPERATING SPECIFICATIONS

Processor:	AM335x 1GHz ARM Cortex-A8
Memory:	RAM: 512 MB DDR3 Onboard Flash: 4GB 8-bit eMMC MicroSD card 3.3 V Supported
I/O ports:	USB Standard A host port (direct) USB mini B device port (direct) Micro HDMI LAN
Power Supply:	2.1 mm x 5.5 mm 5 V jack POE (IEEE Alternative B) via injector and splitter Mini USB
Wireless Communication:	Frequency ISM Band - 2.4 GHz DSSS Range indoor > 50m (expandable with repeaters)

Operating Temp.:	0 °C to 60 °C (32 °F to 140 °F)
Storage Temp.:	0 °C to 60 °C (32 °F to 140 °F)
Humidity:	5 - 85 %, non-condensing
Dimensions & Weight:	1.1" x 2.4" x 3.9" (28 mm x 62 mm x 100 mm) 3.5 oz (100 g)
Regulatory Compliance:	

KEY ATTRIBUTE

EMSYS Mini Gateway can be used as a bridge between a remote site and a central server and as a standalone application server for a smaller site with most of the functionality of the regular Gateway.