

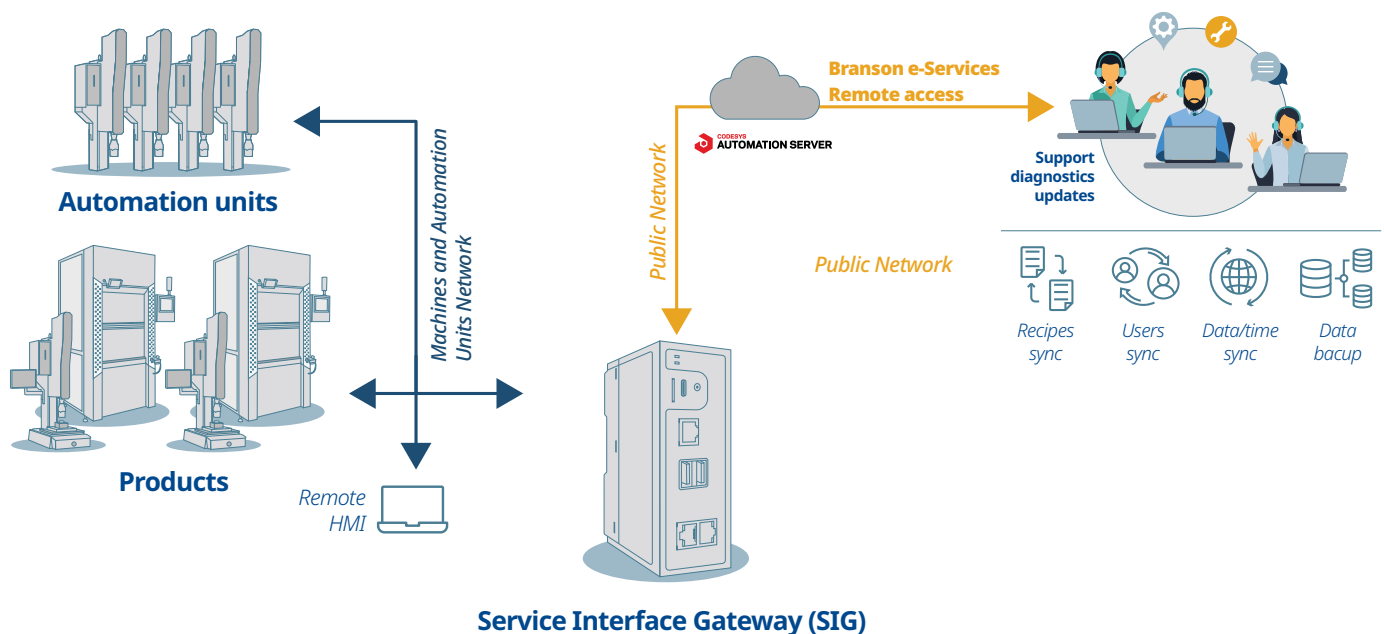
Branson™ Service Interface Gateway (SIG)

Service Interface Gateway (SIG) is a small computer which provides remote service access. It can be utilized by Emerson service organization for online support and software updates. Additionally, there are local (offline) functions available which can be helpful for customers which have multiple Branson products in operation.



Networks and Communication

Data Interface with SIG



Automation server service, main features

- Secured vpn connection
- Connection to machine control software only
- No access to operating system, interfaces, network etc.

Local functions

- Synchronization of machine users
- Synchronization and backup of tool recipes
- Date/time synchronization

Remote service functions

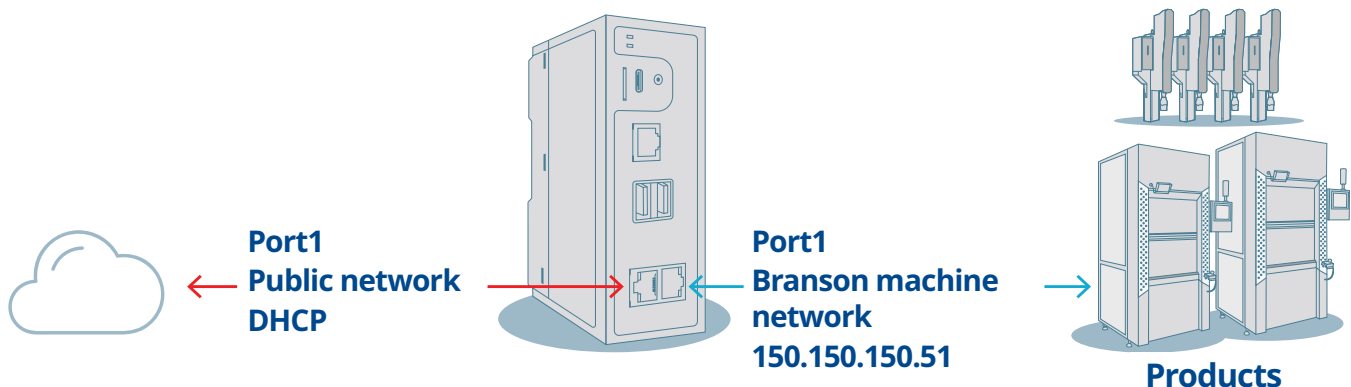
- Remote machine HMI access for support, parameter settings, failure diagnosis
- Machine control code online connection, experts diagnose
- Machine software update and backup

For more information:
www.Emerson.com/Branson

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Device information

EMERSON RXi2-LP Industrial PC



Technical Specifications

Item	Specification
Processor	ARM Cortex-A53 CPU (2 or 4 Cores at 1.2 GHz)
Memory	Up to 4 GB DDR4-1600
Ethernet	Two 10/100/1000BASE-T Ethernet ports
Graphics Interface	One DisplayPort via USB-C connector (with integrated cable retention) Part Number YLB-UIPC-01-1
USB Interface	Two USB 2.0
Serial Communications	One RS-232
Internal Storage	eMMC 64 GB
Removeable Storage	One Miro SD Card Slot (SDXC type supported)

Dimension and Weight

Item	Specification
Dimensions	120 x 45 x 101 mm
Weight	340 g

Mounting

Integrated DIN Rail

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Power

Item	Specification
Input	10 V – 30 V DC
Backup	CR2032 lithium coin battery

Environmental

Thermal performance is highly dependent on end application workload, pre-configured processor TDP value, installed expansion cards, IPC mounting orientation etc., Please consult User Manual for details and recommendations.	Range	Operating	Storage
	Standard	-20 °C up to +70 °C	-40°C up to +85 °C
	Humidity	5-95% @ +40 °C	5-95% @ +40 °C
	Altitude	6,600 ft. (2.0 km)	40000 ft. (12 km)

Software Support

Linux
PACEdge v2.3.0 (based on Linux Server)
PACEdge with Optional Movicon Connex (pre-loaded options available)
PACEdge with Optional Movicon Connex & WebHMI (pre-loaded options available)