CAPSULE AXON
Robust & Reliable Multi-Port Connectivity Hub

The Capsule Axon series is a highly reliable, serial-to-network bridge designed to connect up to x8 serial medical devices such as patient monitors, ventilators, pumps to the to the hospital network. Once data is managed by the Capsule server, it can be integrated to clinical documentation systems to aid in accurate charting or other clinical applications.

The Capsule Axon devices (110, 410, 810) provide easy deployment and security features while still delivering the same clinical functionality clients have come to expect from Capsule. The small form factor, power options, and wireless features save time and money by enabling reliable and secure connectivity in smaller spaces without having to pull wires or network drops.

The Capsule Axon 110 is an optimized device for cluttered spaces with reduced connectivity needs — all at a great value. It is ideal for roaming device workflows for serial devices, such as ventilators.
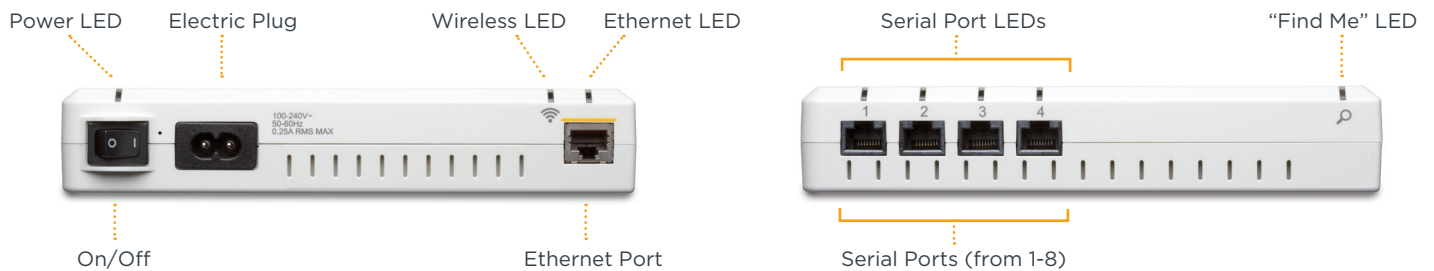
FLEXIBLE SOLUTION
- x1, x4 or x8 serial ports
- Deployment in OR & ICU
- Integrated AC power supply

EASY DEPLOYMENT
- Power over Ethernet
- VESA 75 Mounting
- "Find Me" LED

WIRELESS SECURITY
- Wi-Fi 802.11 a/b/g/n
- WPA-PSK & WPA2-PSK
- WPA2 Enterprise

Power LED   Electric Plug   Wireless LED   Ethernet LED   Serial Port LEDs   "Find Me" LED

100-240V~
50-60Hz
0.25A RMS MAX

On/Off   Ethernet Port   Serial Ports (from 1-8)

CAPSULE AXON SERIES TECHNICAL SPECIFICATIONS

MECHANICAL & ENVIRONMENTAL

Operating Temperature	10°C to +40°C (+50°F to +104°F)
Operating Altitude	-100 m to 2000 m (-330 feet to 6560 feet)
Operating Humidity	10% to 90% RH non-condensing
Dimensions (WxHxD)	Capsule Axon 110: 115 x 135 x 30 mm (4.5 x 5.3 x 1.2") / Axon 410 & 810: 200 x 160 x 40 mm (7.9 x 6.3 x 1.6")
Weight	Capsule Axon 110: 250gr/0.55lbs / Capsule Axon 410 & 810: 500g/1.1 lbs
Mounting Options	VESA 75 standard mounting bracket
IP Rating	IPXO. Non-protected according to EN/IEC 60529
Cooling	Passive cooling system (no fan)
EN60601-1 Classification	No classification, no applied parts

REGULATION

Medical Device Safety	EN60601-1 : 2006
Software Lifecycle	EN62304 : 2006

POWER REQUIREMENTS

Power Options	AC with internal power supply / Power over Ethernet
Electrical Ratings	100-240 AC 50-60Hz / 0.10A rms max (for 110 version) / 0.25A rms max (for 410/810)
Power over Ethernet Consumption	Capsule Axon 110: 4W / Capsule Axon 410 & 810: 6W

ORDERING INFORMATION

Product Description	Capsule Axon Bridge
Part Number	SL-AXON110-HW / SL-AXON410-HW / SL-AXON810-HW

CONNECTIVITY

# of Serial Ports	Capsule Axon 110: 1 / Capsule Axon 410: 4 / Capsule Axon 810: 8
Speed	Up to 230 Kbps
Wi-Fi Standard	IEEE 802.11 a/b/g/n 5GHz & 2.4 GHz
Wi-Fi Security	WPA-PSK, WPA2-PSK, WPA2-Enterprise (PEAP-MSChapV2)
Wi-Fi Operating Frequency	For 2.4 GHz band: 2412 MHz ~ 2484 MHz (2.4 GHz band) and 4900 MHz ~ 5850 MHz (5 GHz band)
Range	10-20 meters (33-66 feet)
Certification	IEC60950-1, CISPR22, CISPR32, CISPR24
Ethernet Standard	10/100 Base-T
# of Ethernet Ports	1

CAPSULE AXON IS A COMPONENT OF CAPSULE MEDICAL DEVICE INFORMATION SYSTEM

A platform of products designed to improve patient care delivery and increase efficiency through the systematic, near real-time capture of patient vital signs at the point-of-care, and the delivery of captured data to hospital electronic medical records, other information systems and third party mobile solutions.

FOR MORE INFORMATION, CONTACT US

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