

PRODUCT BRIEF



**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

## Robust and Reliable Multi-Port Serial-to-Network Bridge

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 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.

Capsule Axon 110 is a basic solution for a single medical device per bed. It is particularly appropriate for units with a high concentration of beds where numerous network drops are costly and space is limited, such as the post-anesthesia care unit (PACU) and neonatal intensive care unit (NICU). Its small form factor and wireless capabilities facilitate roaming medical device workflows—enabling connectivity for ventilator or dialysis machines.

Capsule Axon 410, 810 are Capsule's next generation Data Terminal Servers, replacing DTS400 & DTS800. The Capsule Axon 410 and 810 provide improved deployment and security features while still delivering the same clinical functionality clients have come to expect from Capsule. Smaller 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/network drops.

## 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)	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	Axon 110: 250gr/0.55lbs / Axon 410 & 810: 500g/1.1 lbs
Mounting Options	VESA 75 standard mounting bracket
IP Rating	IPX0. 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
Medical Device Usability	IEC 60601-1 3rd edition with national deviation for USA & Canada
Software Lifecycle	EN62304 : 2006

### Power Requirements

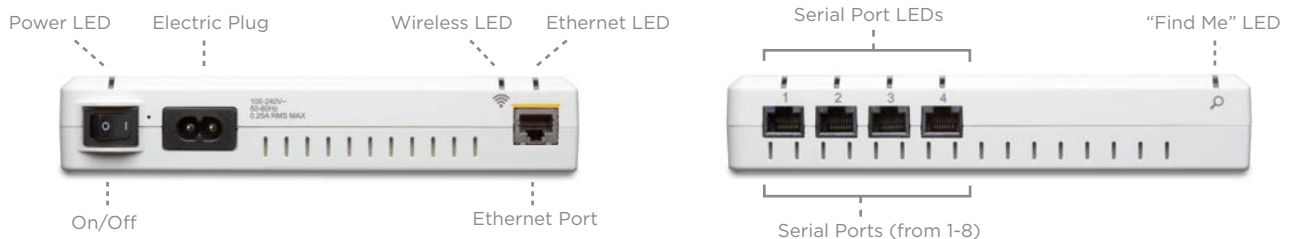
Power Options	AC with internal power supply / Power over Ethernet (isolated at 1.5 kV)
Electrical Ratings	100-240 AC 50-60Hz / 0.10A rms max (for 110 version) / 0.25A rms max (for 410/810)
Power over Ethernet Consumption	Axon 110: 4W / Axon 410 & 810: 6W

### Ordering Information

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

### Connectivity

# of Serial Ports	Axon 110: 1 / Axon 410: 4 / 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 Range	For 2.4 GHz band: 2412 MHz - 2484 MHz (2.4 GHz band) and 4900 MHz - 5850 MHz (5 GHz band)
Certification	Cisco CCX V4 ASD
Ethernet Standard	10/100 Base-T
# of Ethernet Ports	1



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Capsule Axon™ is a component of Capsule's Medical Device Information System (MDIS)—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.