



Multi-Purpose Smart Bridge for the CyNet™ mesh network


Seamless integration between CyNet™ wireless communication and wired TCP/IP networks infrastructure




MAIN FEATURES

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SubGhz communication:
Penetrates through any structural material
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Multi-protocol port:
Easily add devices from existing infrastructure
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Wireless to LAN
Plug and Play connectivity to existing networks
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Device to device pairing
Pair multiple Cy Devices

CYBRIDGE™

Infrastructure and pairing of systems are complicated processes, especially when dealing with multiple systems, already installed at site. We designed CyBridge™ with the intention that any system should be able to connect to the CyNet™ Network.

The CyBridge™ is designed for easy switching between CyNet™ wireless communication and wired TCP / IP networks. It is equipped with a multiport and can communicate with a variety of devices and protocols making it the ultimate integration tool. The optional NFC port configuration allows for for easy and secure protocol set-up. CyBridge™ serves as a bridge between multiple types of systems, and to eliminate the cost of various converters by removing the possibility of using GUI-based set-up, increasing the security level significantly.

CYBRIDGE™ TECHNICAL SPECIFICATIONS	
Dimensions / Weight	L 53.6mm, W 88.6mm, D 24mm / 114g
Operational Temperature / Storage Temperature / IP Classification / MIL-STD	0°C to 60°C 95%RH / -20°C to 70°C / IP54
Power Outlet	Power Jack 3.5mm, 5-12V, 2A input
Radios / Network	CyNet / IEEE 802.15.4 (2.4GHz)CyNet / IEEE 802.15.4 (>1GHz)
External Interface	Multiprotocol port (SPI, i²C, UART, TWI) 10 X programmable GPIOs
Network interface	Ethernet IEEE 802.3
Safety and Certifications	CE, CISPR32, RoHS