

SKY-BRIDGE

Bring Cloud Connectivity to All SKY-Controls IPv6 Devices

FEATURES

- The SKY-Bridge provides data connectivity between internal IPv6 mesh network of connected nodes and the internet through a standard wired ethernet connection.
- Provides web-based configuration and control from all web enabled devices, e.g. tablets, smart phones, laptops, etc.
- Automatically establishes VPN connection to cloud via wired IP4 Ethernet connection to Local Area Network (LAN)
- Seamlessly handles a Personal Area Network (PAN) of up to 100 Individual IPv6 devices
- Color-coded LED lights indicate node connection, internet access, and power
- CoAP server for efficient open source communication from cloud to nodes.
- Contains 2GB of internal storage, which records operation and energy use data in the event of internet downtime
- Internal Linux operating system and Contiki OS for connection to 6LoWPAN networks



TECHNICAL SPECIFICATIONS

Dimensions: W=6.8" L=4.3" H=1.2"
Input Voltage: 6VDC (AC power supply included)
Input Current: 200-500mA
Data Link Protocol: IPU via Ethernet, IEEE 802.15.4
Nodes per SKY-Bridge: 100
DHCP enabled

Frequency Band: 2.4Ghz

Antennae: Internal ceramic and whip antennae for diversity

Communications Protocol: 6LoWPAN

RF Range: 100ft to nearest node*

* The range of each device is limited to 100 feet from the next device. Devices installed further away communicate through the mesh network to create an expansive communication territory.



For more information:

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