

# SkyConnector Mini

## User Guide



### USER INSTRUCTIONS

1. Launch web browser and type 192.168.0.2 to access Mini
2. Username = "admin" Password = "public"

## SkyConnector Mini Specifications

### Wireless

<b>Frequency band</b>	5.250-6.075 GHz
<b>Transmit power</b>	24 dBm/250mW (6 Mbps)
<b>Antenna</b>	14 dBi (55° azimuth x 18° elevation)/vertical polarity
<b>EIRP</b>	38 dBm/6 W (6 Mbps)
<b>Receive sensitivity</b>	-94 dBm at 6 Mbps modulation
<b>Range</b>	Up to 7.5 miles (12 km)
<b>Media access</b>	Time Division Duplex (TDD)
<b>Modulation technique</b>	OFDM with adaptive modulation
<b>Modulation rates</b>	54, 48, 36, 24, 18, 12, 9, and 6 Mbps
<b>Throughput</b>	Up to 13 Mbps TCP/20 Mbps UDP (at 36 Mbps modulation rate)
<b>Latency</b>	8-10 ms roundtrip per hop
<b>Channel width</b>	20 MHz
<b>Channel resolution</b>	5 MHz frequency control
<b>Authentication</b>	RSA-based certificates
<b>Encryption</b>	128-bit AES

### Product Specifications

<b>Enclosure</b>	Outdoor UV stabilized plastic
<b>Connectors</b> (under waterproof sliding door)	RJ-45 to 12V/1A Power over Ethernet (PoE) injector (Optional) reverse-polarity SMA to external antenna
<b>Power</b>	100-240 VAC, 50-60 Hz input; 5 Watts
<b>Mounting</b>	Pole mount (standard), wall mount (optional), or window suction mount (optional)
<b>LEDs</b>	Power, Ethernet, and wireless signal strength
<b>Dimensions</b>	10.4" (26 cm) H x 3.2" (8 cm) W x 1.2" (3 cm) D
<b>Weight</b>	0.9 pounds (0.4 kg)
<b>Operating temperature</b>	-4° to 158° F (-20° to 70° C)
<b>Operating humidity</b>	5 to 95% condensing
<b>Certifications</b>	FCC Part 15.247, IC RS210, CE, ETSI 300-019-1.4 shock and vibration, RoHS
<b>Warranty</b>	One-year limited warranty on hardware; 90-day limited warranty on software



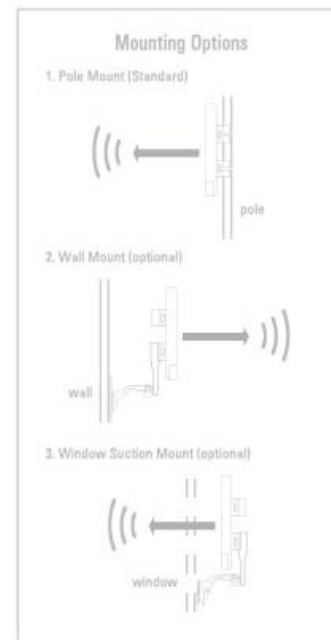
[www.skypilot.com](http://www.skypilot.com)

## ADDITIONAL INFORMATION AND COMPLIANCE



**NOTE:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



**This is a Point-to-Point CPE Wireless Device.**