

Enterprise 5143U

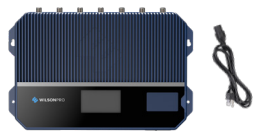
SKU: 511007

FEATURES

- Three outdoor antenna ports to target multiple operator towers.
- Four independently controlled indoor antenna ports built in.
- Wired access via ethernet port for remote monitoring.
- Real time performance, configuration changes, & direct monitoring.
- Up to 17 dBm in uplink power and 10 dBm in downlink power.
- XDR technology to virtually eliminate shutdown or signal loss.
- 4.3-inch LCD touchscreen for an enhanced user-experience.
- Concurrently enhances voice & data signals for all supported operators.
- Certification pending



Kit Includes



About

The WilsonPro **Enterprise 5143U** is a commercial-grade, in-building cellular repeater that represents the latest in cell signal amplification technology—including a revolutionary industry-first, three outdoor antenna-port configuration. Depending on cell tower locations, using up to three outdoor antennas (each dedicated to a specific frequency band to collectively amplify signals from multiple towers) helps maximize coverage in commercial spaces up to 8,000 m².*

Based on user need or preference, the Enterprise 5143U can also utilize “common mode” as a default; using only a single outdoor (donor antenna and a single port to receive cell signal).

With wired access via LAN port and connected to an external modem, the Enterprise 5143U provides integrators and building managers with the capability to remotely manage, monitor, and adjust their amplifier.

The Enterprise 5143U generates up to 17 dBm in uplink power—enabling it to reach towers at much greater distances. With up to 10 dBm in downlink power, it's also one of the most powerful amplifiers in its price range. With all four indoor-antenna ports equipped with up to 10 dBm downlink power of their own, each of the Enterprise 5143U's four indoor antennas can effectively broadcast signal.

*Depending on outside signal conditions.

Specifications

MODEL NUMBER	511007
FREQUENCY	Band 1 2100 MHz Band 3 1800 MHz Band 8 900 MHz
MAX GAIN	70 dB
MAX UPLINK POWER	17 dBm
MAX DOWNLINK POWER	10 dBm
IMPEDANCE	50 Ohm
POWER	240V AC, 50/60Hz, 0.5A
CONNECTORS	N-Female
AMPLIFIER DIMENSIONS	48 X 30 x 6.4 cm
AMPLIFIER WEIGHT	7.7 kg

Detailed Specifications

MODEL NUMBER	511007
CONNECTORS	N-Connectors
ANTENNA IMPEDANCE	50 Ohms
FREQUENCY	1920-1980 MHz, 2110-2170 MHz, 1710-1785 MHz, 1805-1880 MHz, 880-915 MHz, 925-960 MHz
POWER OUTPUT (Uplink) dBm	17.0
POWER OUTPUT (Downlink) dBm	10.0
NOISE FIGURE	5 dB Nominal
ISOLATION	>90 dB
POWER REQUIREMENTS	240V AC, 50/60Hz, 0.5A

Each Signal Booster is individually tested and factory set to ensure FCC compliance. The Signal Booster cannot be adjusted without factory reprogramming or disabling the hardware. The Signal Booster will amplify, but not alter incoming and outgoing signals in order to increase coverage of authorized frequency bands only. If the Signal Booster is not in use for five minutes, it will reduce gain until a signal is detected. If a detected signal is too high in a frequency band, or if the Signal Booster detects an oscillation, the Signal Booster will automatically turn the power off on that band. For a detected oscillation the Signal Booster will automatically resume normal operation after a minimum of 1 minute. After 5 (five) such automatic restarts, any problematic bands are permanently shut off until the Signal Booster has been manually restarted by momentarily removing power from the Signal Booster. Noise power, gain, and linearity are maintained by the Signal Booster's microprocessor.

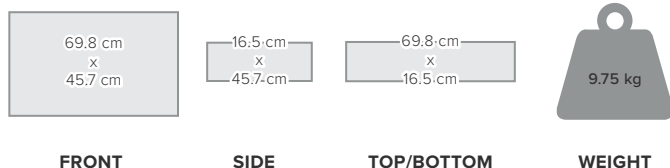
The Manufacturer's rated output power of this equipment is for single carrier operation. For situations when multiple carrier signals are present, the rating would have to be reduced by 3.5 dB, especially where the output signal is re-radiated and can cause interference to adjacent band users. This power reduction is to be by means of input power or gain reduction and not by an attenuator at the output of the device.

ASSEMBLED IN THE USA

CERTIFICATION PENDING

Package Dimensions

69.8 L x 45.7 H x 16.5 W



Support



3 Year Warranty from Purchase

Website: www.wilsonpro.com/support

Phone: +1 866 294 1660

Monday to Saturday

FOR PARTNER'S USE

UPC

