Professional Series

Hi20-5S-Plus/Hi23-5S-Plus

4,000 sq. m. (8-15 rooms) / 5,500 sq. m. (12-20 rooms)



Key Features

- ✓ Supports 800, 900, 1800, 2100 and 2600 MHz
- ✓ Real-time touch screen LCD display
- ✓ Bluetooth and Wi-Fi modules
- ✓ Ethernet port for remotely connection
- ✓ Setup and monitoring via a mobile app
- ✓ Conforms to ETSI&3GPP standards

New Product Highlights

Better Actual Coverage Performance

- **More Efficient Signal Processing:** In-band gain is optimized rather than solely chasing higher nominal gain. The refined RF link raises valid signal processing efficiency and lowers link loss, while enhanced out-of-band suppression reduces source-side interference and invalid signals. This avoids wasting power amplifying unwanted signals and fully directs toward signal processing.
- **Lower Noise Figure:** Preserving original signals more accurately and delivering cleaner, more stable communication even in weak-signal scenarios.

Faster and More Stable 4G/5G Network Experience

- **Improved EVM Performance**: EVM is improved by over 50% across most frequency bands. In weak signal environments, the device enables faster downloads, more stable uploads, smoother video calls, and higher-definition video and file transfer.
- **Reduced Adjacent Channel Interference**: ACLR is enhanced by 8–15 dB, effectively lowering adjacent-channel interference and ensuring more reliable communication in complex network conditions.
- **Enhanced Linearity and Intermodulation Performance**: Greatly improved intermodulation performance delivers stronger multi-band stability, less cross-band interference, and more consistent long-term operation.
- **Optimized Self-Oscillation Detection**: The upgraded self-oscillation algorithm accurately identifies oscillation levels and reduces false judgments, avoiding misdetection of normal network fluctuations.

New Product Highlights

Optimized Installation and User Experience

- Flexible external indoor antenna for wider coverage
- Low-loss 5D cable for minimized signal attenuation
- Newly upgraded touchscreen interface for simpler operation

Improved Long-Term Reliability

- The new series adopts an comprehensively upgraded hardware platform with high-performance RF components including large dielectric filters, sleeker structural design, stricter factory calibration, and extended testing and consistency verification. These greatly improve the operational stability in the long term.

Professional Series



Hi20-5S-Plus/23-5S-Plus
Standard Kit Includes

- Mobile signal booster *1
- 12V/7A, AC/DC power supply *1
- Outdoor directional antenna *1
- 50 ft (15.2m) low-loss Hiboost 5D Cable *1

RF Parameters		Uplink	Downlink
Frequency Range		800, 900, 1800, 2100, 2600 MHz	
Max. Gain	Hi20-5S-Plus	65 dB	70 dB
	Hi23-5S-Plus	65 dB	75 dB
Max. Output Power	Hi20-5S-Plus	20 dBm	
	Hi23-5S-Plus	23 dBm	
Electrical Parameter			
Antenna		Built-in service antenna with extend port	
Local control		Phone app via Bluetooth	
Remote Control		Wi-Fi / Ethernet	
Indicator			
Touch LCD Display		Frequency, Gain, Output Power, ALC, ISO, etc.	
Mechanical Parameter			
I/O Port Type		N-Female	
Dimension		220 × 310 × 55 mm	
Weight		3.8 kg	