

U70 FN

SKU: 7020UFN

- Band 12 and Band 14
- Up to 20,000 sq ft of coverage
- Great for areas with extremely weak signal

Frequencies:

700 MHz Band 12 & 14

Included:

Uniden U70 FN Booster

Available Options:

- Outdoor Yagi 11 Antenna
- Outdoor Post Antenna
- Indoor Dome Antenna
- Indoor Panel Antenna
- Low Loss Coaxial Cable
- Ultra Low Loss Coaxial Cable
- Mounting Pole
- Surge Protector
- Extended Warranty

* Coverage varies on input signal

HERO
SERIES



POWERFUL

70 dB max gain and 17 dBm of linear output power. Great for areas with extremely weak signal.

SMART - GAIN CONTROL

Use the SMART button and the booster will automatically adjust the gain and set it to the optimum value for your environment.

WIRELESS CONNECTIVITY

Wirelessly connect up to 100 cellular devices, including phones, smart phones, tablets and data cards.

LCD DISPLAY - MANUAL GAIN CONTROL

You can override the SMART function and manually adjust the uplink and downlink gain of your device during installation to ensure crystal clear signal.

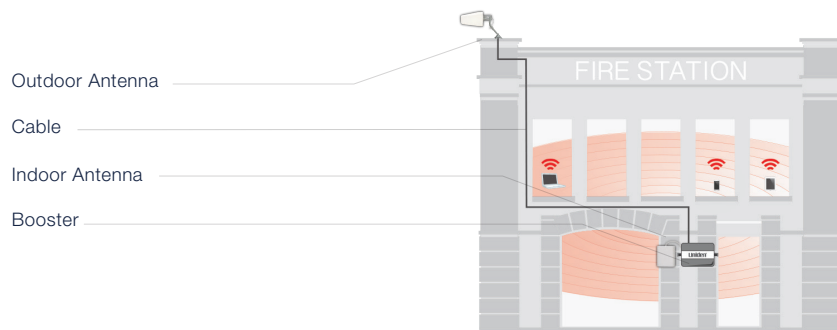
NETWORK COMPATIBILITY

Band 12 & 14
Specifically designed to work on AT&T's FirstNet network.

AUTO SHUT OFF

Automatically shuts down the device in case of oscillation or an overloaded signal in order to prevent interference.

HOW A Uniden U70 BOOSTER KIT WORKS



BOOSTER TECHNICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS		UPLINK	DOWNLINK
Frequency Range	Band 12 Band 14	698 ~ 716 Mhz 788 ~ 798 Mhz	728~ 746 Mhz 758 ~ 768 Mhz
Band Width	Wide Band		
Max. Gain	≤65dB		≥70dB
Max. Output Power	≥17dBm		≥17dBm
Automatic Level Control	≥ 20dB Automatic Shut Off over 20dB		
MGC	≥ 31 dB / 1 dB Increments		
Spurious Emission	9KHZ ~ 1GHZ 1KHZ ~ 12.75GHZ	≤-36dBm ≤-30dBm	
Frequency Stability	≤-0.01PPM		
Error Vector Magnitude	≤-12.5%		
Peak Code Domain Error	≤-35dB@Spreading Factor 256		
Noise Figure	≤-8dB		
VSWR	≤ 2.0		
Group Delay	≤ 1.0MS		
Frequency Stability	≤ 0.01PPM		
Intelligent Functions		STANDARD	
SMART Mode	Uplink & Downlink Gain is automatically adjusted		
Output Signal Strength	Output is displayed with signal bars		
ISO LED	Indicates need to increase isolation		
Power LED	Power Indicator		
ALC LED	ORANGE @ ALC 1~5dB, RED @ ALC 15dB~20dB, LED off after 5 seconds RED		
Mechanical Specification		STANDARD	
I / O Port	N-Female		
Impedance	50 ohm		
Operating Temperature	-25°C~+55°C		
Environment Conditions	IP40		
Dimensions	175*131*33mm		
Weight	Around 0.7 Kg		
Power Supply	Input AC 100~240V, Output DC 7V/3A		