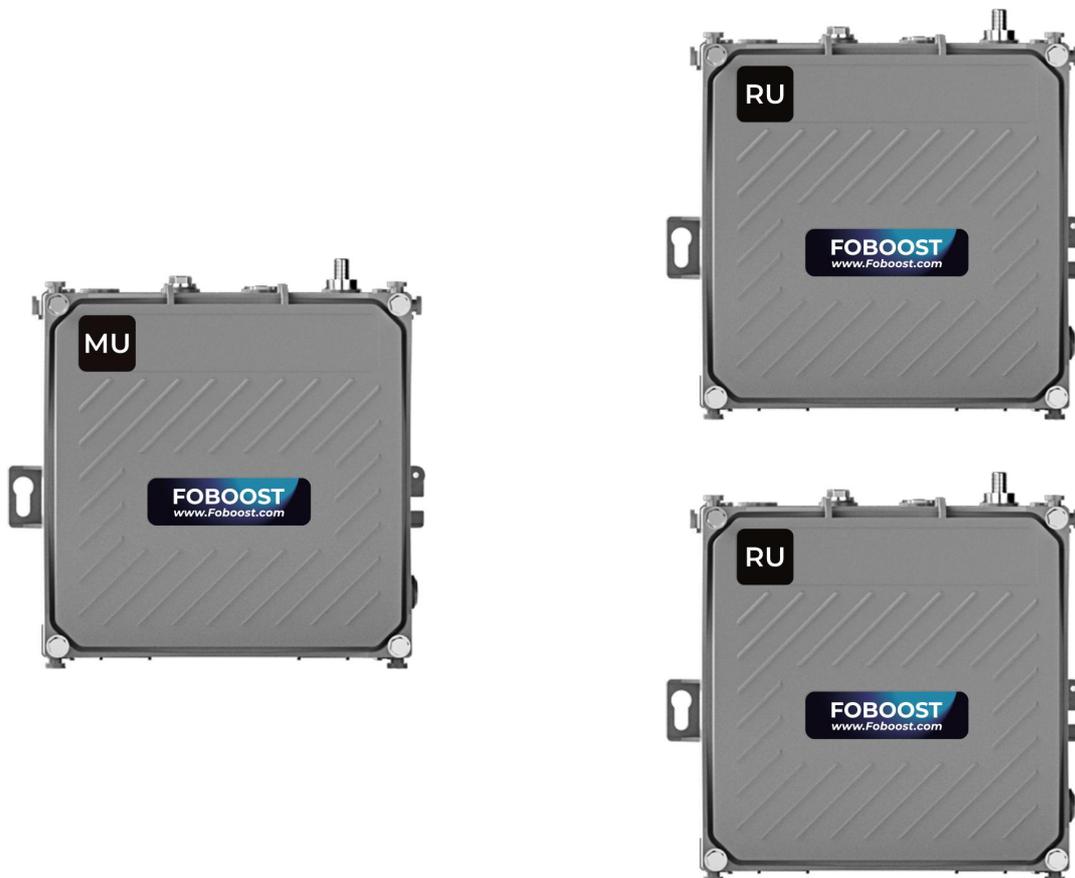


Features

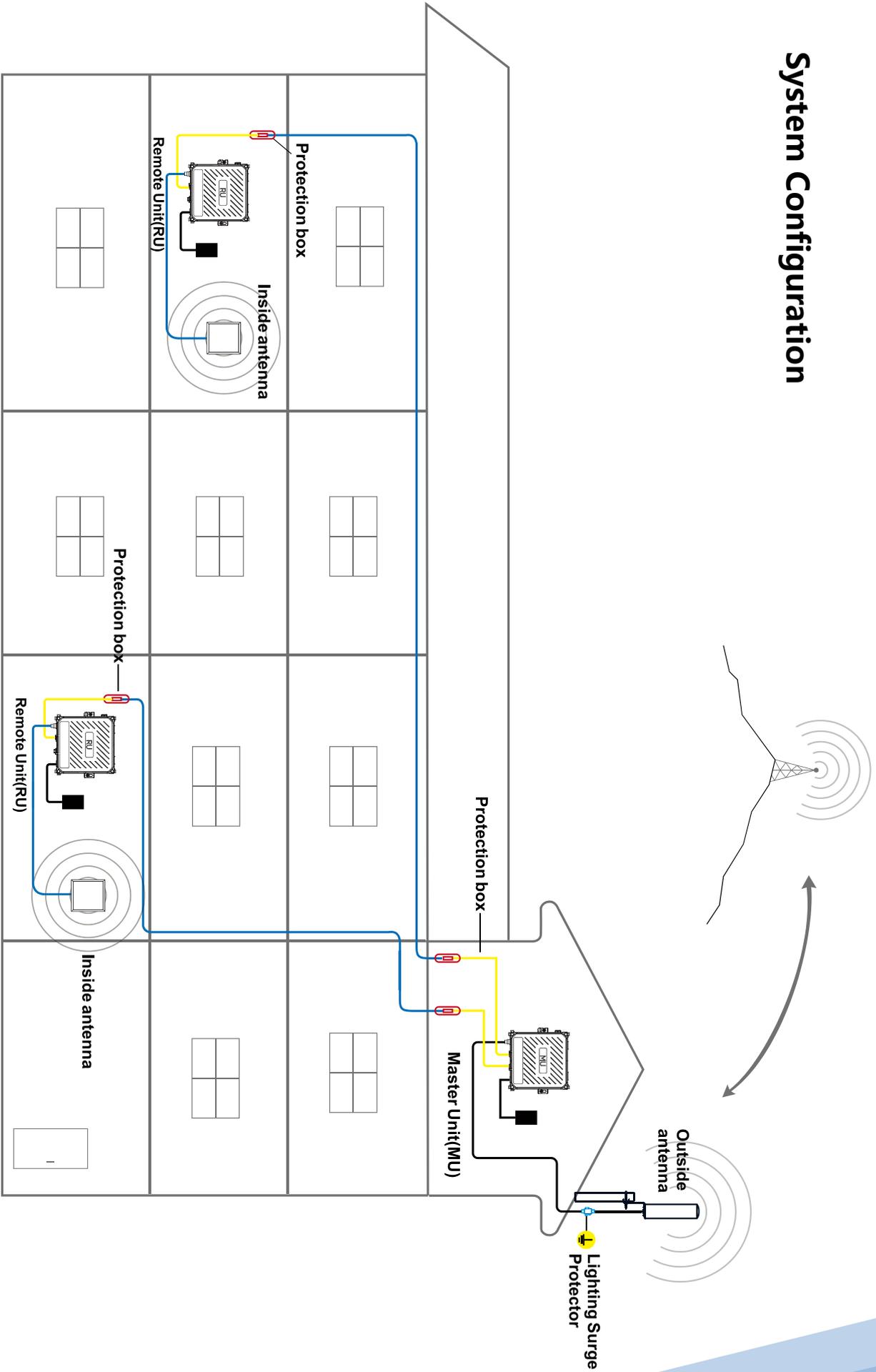
- Fiber optic technology, MU or RU installation distance can reach 20 km.
- MU can access up to 2 RU.
- MU or RU can monitor settings individually.
- MU dual antenna design, can be used with higher gain directional antenna to obtain stronger outdoor signals.
- RU 1 RF port design.
- Maximum uplink power of 23 dBm, downlink power up to 2~8 dBm.
- Greatly reduces dropped calls, extends signal range, and increases data rates
- Allows multiple mobile devices to be used simultaneously
- Oscillation (or interference) detection and automatic shutdown
- Overload protection circuit – protects cell towers from being overloaded
- Amplifies signal both to and from the cell tower
- Works on all generations of 2G,3G,4G and 5G
- Power control logic ensures maximum gain is within cellular standards

SKU: FB022101MU

SKU: FB022101RU



System Configuration



Specifications

Model Number	FiDAS-2100				
Connectors	N-Female				
Impedance	75/50 Ohms				
Frequency	698-716 MHz, 728-746 MHz, 777-787 MHz, 824-894 MHz, 1850-1995 MHz, 1710-1755/2110-2155 MHz				
Power output for single RF port (Uplink) dBm	700MHz Band12/17	700MHz Band13	850MHz Band5	1700MHz Band2	1900MHz Band4
	17.0	17.0	20.0	23.0	23.0
Power output for single RF port(Downlink) dBm	700MHz Band12/17	700MHz Band13	850MHz Band5	1700MHz Band2	1900MHz Band4
	2	2	6	8	8
Max Gain	72dB				

Main UNIT FB022101MU

Uplink Gain (dB)	700MHz Band12/17	700MHz Band13	850MHz Band5	1700MHz Band2	1900MHz Band4
			30		
Downlink Gain(dB)	700MHz Band12/17	700MHz Band13	850MHz Band5	1700MHz Band2	1900MHz Band4
			40		
Power	120V AC 0.2A				

Remote UNIT FB022101RU

Uplink Gain (dB)	700MHz Band12/17	700MHz Band13	850MHz Band5	1700MHz Band2	1900MHz Band4
			40		
Downlink Gain(dB)	700MHz Band12/17	700MHz Band13	850MHz Band5	1700MHz Band2	1900MHz Band4
			30		
Power	120V AC 0.2A				