Synergy Telecom Pvt Ltd.

COMPANY PROFILE



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PART ONE

Company Overview



PART ONE

ABOUT US

COMPANY PROFILE

Synergy Telecom Private Limited., established in 2004, is Indian Antenna, Rf connector and RF Co-axial Cable assembly mfr. We deal in rf connector, rf Co-axial Cable, all types of antenna, antenna cables, jumper cables, microwave components, RF Attenuator, dummy loads, dc block, splitter, Duplexer, Couplers, Combiners, low pim test cables upto 110GHz, waveguide, Mast, RF T&M, tools, Ibs n DAS product, RFID, IOT, and 5G products for smart city, the company is dedicated to providing leading information technology solutions to domestic and international telecom operators and industry clients.

Committed to becoming a world-class information technology solutions provider

50+

Company Staff

60 Crore

2025 revenue

20 years+

Research and management experience

PART ONE

HISTORY

COMPANY PROFILE

2004

The company was established, aiming to become a major participant and peripheral equipment supplier in the wireless communication industry.

2012-2015

- Establish technology platform and production platform;
- Complete the development and mass production of digital wireless communication products.

2016-2018

- Supplier of all three Chinese mobile network operators
- Released 5G low power repeaters series

2022

- Monthly shipment volume of the repeater products has exceeded 10000 units
- Annual revenue exceed USD 16M

2026

- Completed self owned factory building and started operating in self owned factory building

Certifications

- Trade Mark
- DRDL
- DRDO
- Certificate of Incorporation
- Certificate of Compliance
- ISRO
- MSME



Quality Certifications：

- ISO Triple Certification.
- Technical Licenses：Network Access License、Model Approval Certificate.

PART FOUR

Customer

COMPANY PROFILE



P A R T
T W O

Core Technologies



P R O D U C T
D E S C R I P T I O N

Technologies

Software-Defined Radio Technology

- High-speed transceiver development capability Signal processing capability based on FPGA and DSP
- High-speed optical interface and transmission protocol development capability compared to the industry standard of 40 Gbps ;
- Rapid implementation of new devices and domestic solutions;

4G/5G Air Interface Synchronization Technology

- Synchronization sensitivity, frequency point scanning, signal source information analysis, and adaptive synchronization configuration capabilities are at an industry-leading level

RF Integration Technology

- Ability to evaluate and apply various RF and microwave technologies and devices ;
- Extensive experience in developing FEM, SAW, BAR, PA, LNA, PLL, and mixer applications
- 20 years of accumulated R&D experience

Synchronization Clock Distribution Technology

- Mature and stable antenna distribution system synchronization clock distribution and recovery technology
- Low-cost, high-stability synchronization solution for 4G and 5G TDD distributed active antenna systems

Large-Scale Equipment and Terminal Remote Management Cloud Platform

- Powerful device cloud management and operation & maintenance platform
- Customizable application development based on customer and industry needs

P A R T

THREE

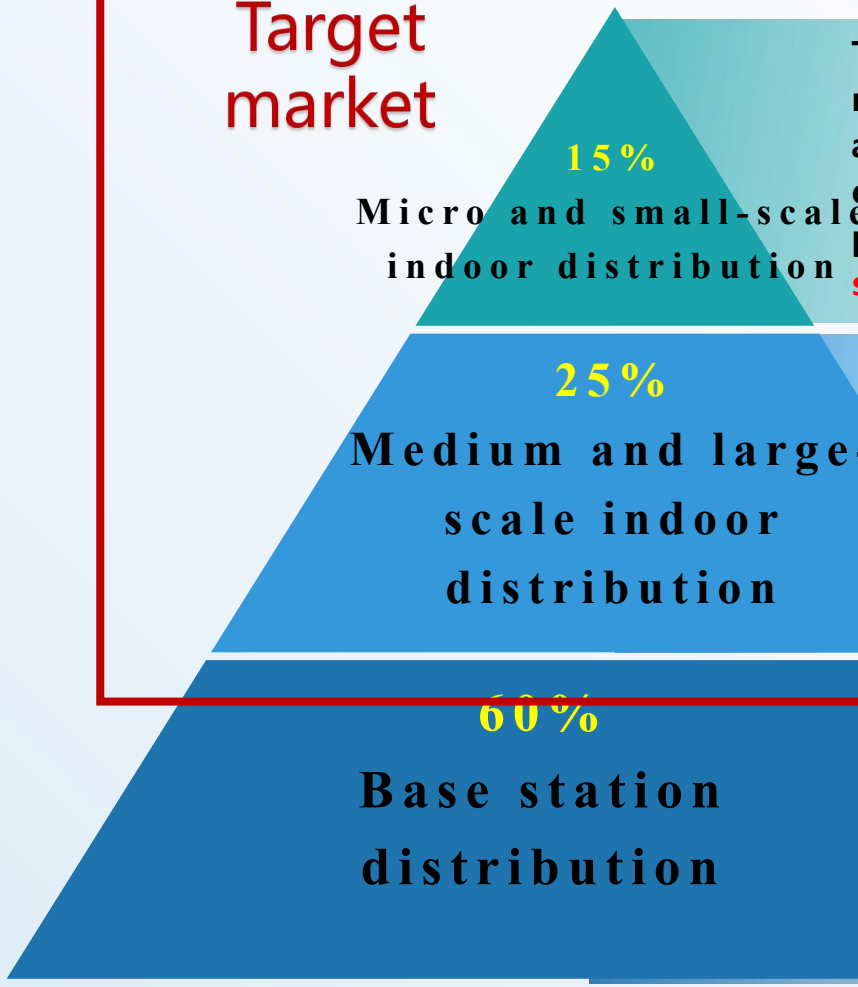
Business Scope



公 司 名 称 ： 金 山 办 公 软 件 有 限 公 司

Business Direction

Target market



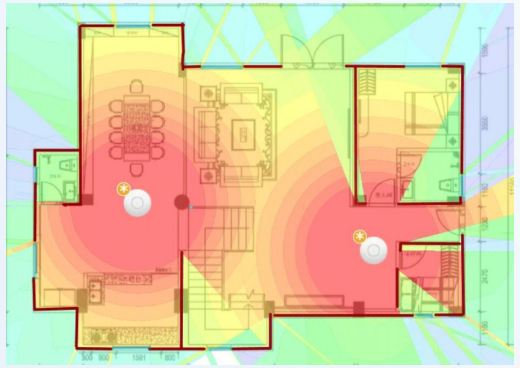
Targeted for small-scale scenarios such as residential homes, conference rooms, service centers, and shops for VIP complaint blind-spot coverage; as well as medium to small-scale specialized coverage needs such as elevators, parking lots, supermarkets, and entertainment venues. Main products include 4G/5G micro repeaters, 4G/5G elevator coverage systems, and 4G/5G micro distribution coverage systems.

Targeted for indoor coverage in new buildings such as residential complexes, standard hotels, office buildings, and shopping malls, as well as upgrades to existing 4G coverage. Main products include 5G MIMO indoor distribution systems, 5G frequency-shift MIMO systems, and low-power DAS systems.

Targeted for 4G/5G indoor coverage in important new buildings such as government agencies, transportation hubs, university campuses, star-rated hotels, high-end office buildings, and dense commercial districts. Products include Huawei LAMPSITE, ZTE QCELL, Ericsson RDS, etc.

Business Scope

Wireless Singals Coverage



2G/3G/4G/5G Signal coverage:

- Home&Office coverage
- Basement, Buildings coverage
- Tunnels, IOT rooms, Smart devices, Vehicles, Vessels. Etc.
- Data transmission

Indoor Signals Monitoring



Indoor coverage signal quantity:

- Integrates real-time link monitoring, precise visualized fault location
- Mobile signal quality analysis.
- Support 2G,3G,4G,5G networks

Signals Jammer



Block unwanted signals in Indoor:

- Efficiently shield mobile signals of all standards from multiple operators and optional WIFI signals.

PART FOUR

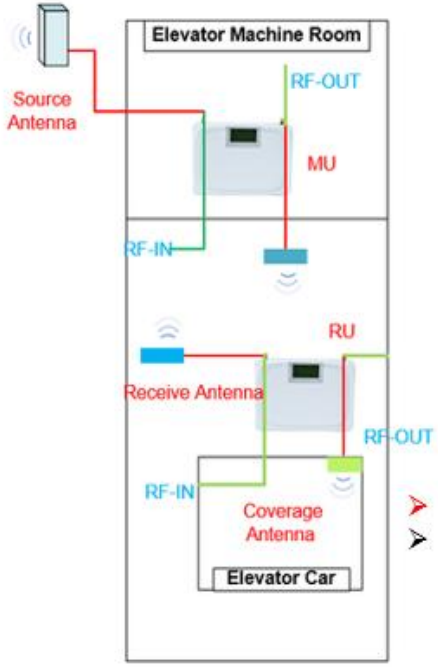
Solutions



Repeater Products

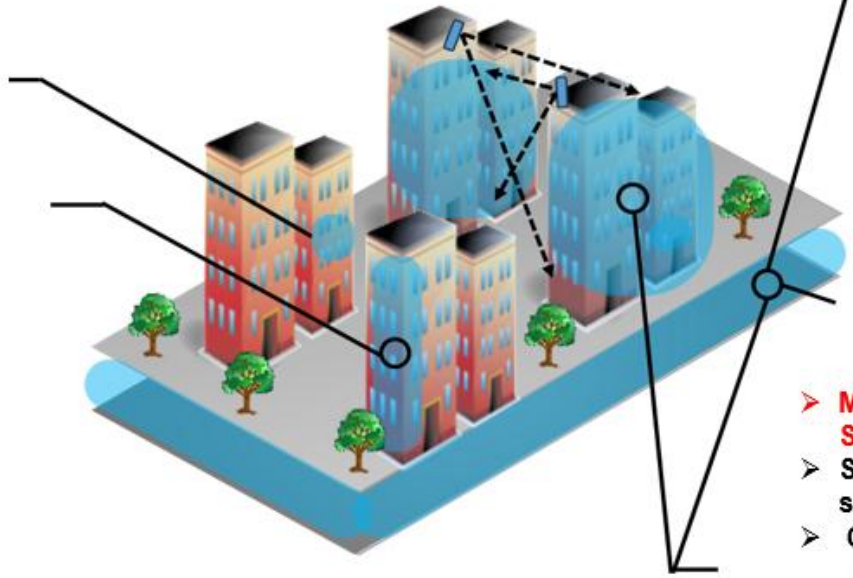


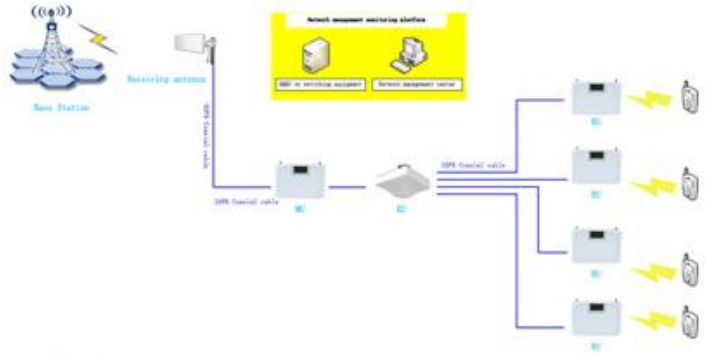
- Repeater
- Coverage Area: 300 ㎡

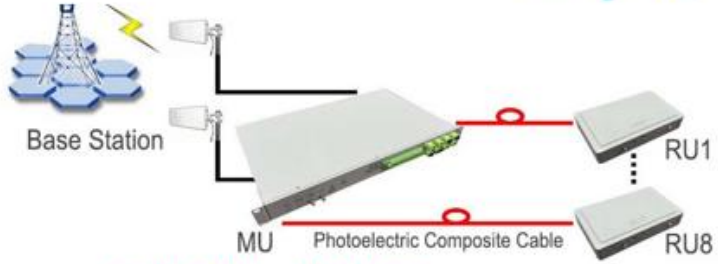


- Elevator Coverage System
- Coverage Floors: 35 floors

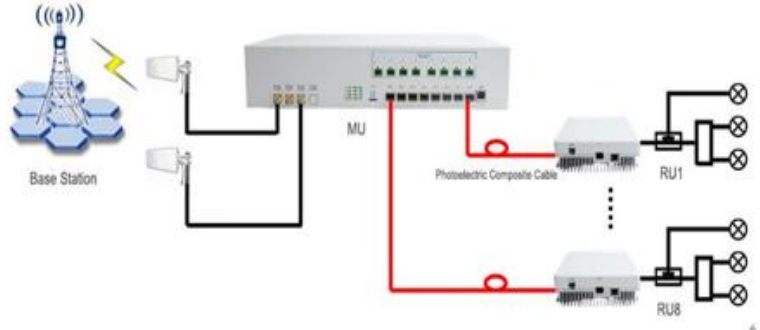
- Micro-Distribution System
- Suitable for small flat coverage
- Coverage Area: 10,000 ㎡







- Micro-power Optical Fiber Distribution System
- Suitable for coverage of small and medium-sized flat floors
- Coverage Area: 15,000 ㎡



- Medium-power Optical Fiber Distribution System
- Suitable for coverage of medium and large flat floors
- Coverage Area: 40,000 ㎡

Repeater



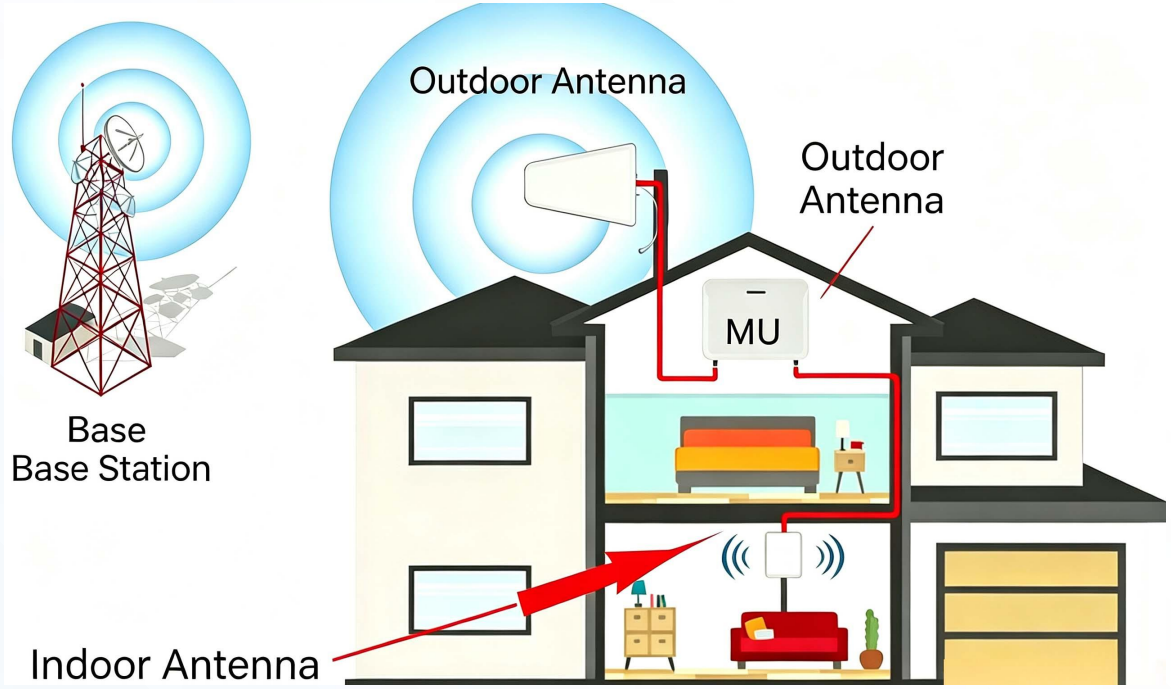
4G/4+5G（1T1R）

- Supports combinations of multiple-band and multi-mode for 4G and 5G
- Maximum coverage area: 100-200 square meters

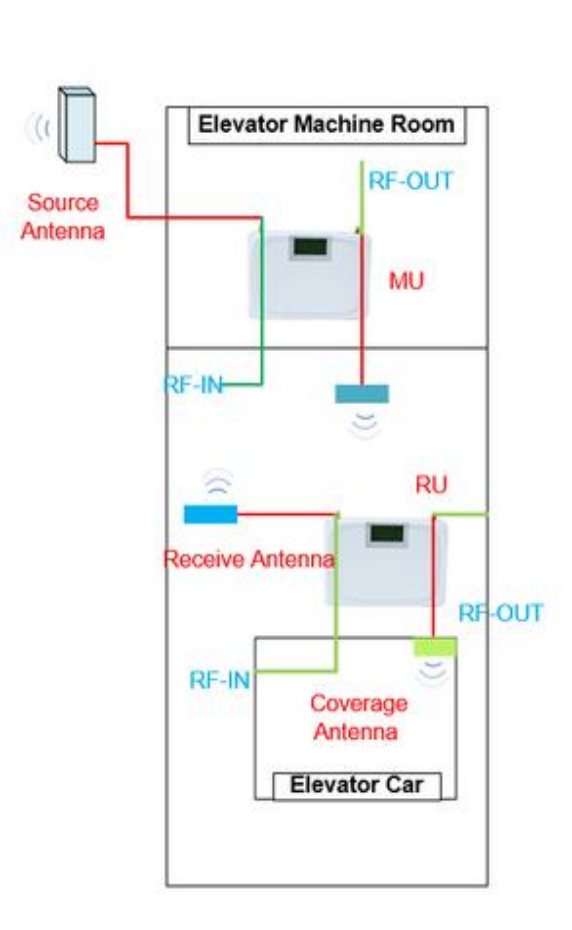


4+5G（2T2R）

- Supports 1.8GHz+2.6GHz and 1.8GHz+3.5GHz
- Delivers high-speed user experience with 5G 2T2R configuration
- Maximum coverage area: 200-400 square meters

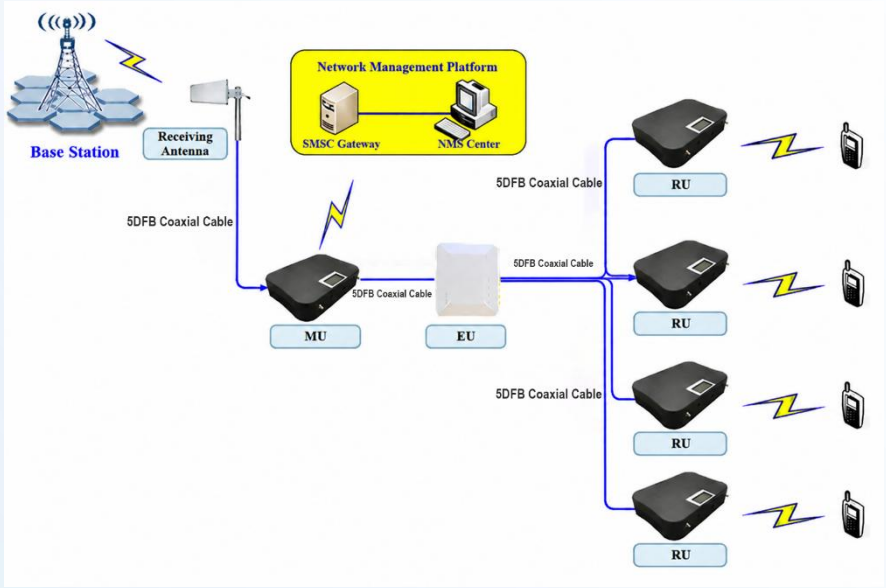


Elevator Repeater



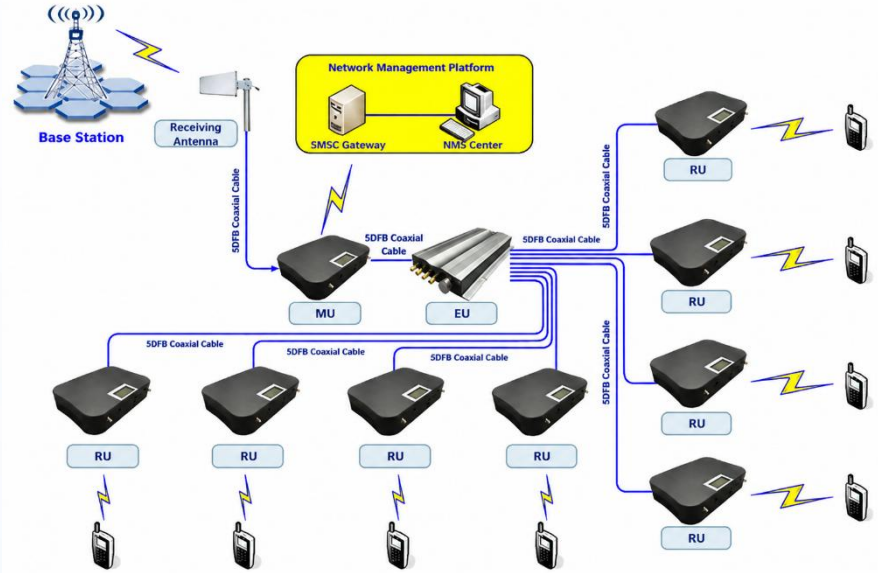
Elevator Wireless Repeater

- Supports 4G/5G multi- band and multi- mode combinations
- Covers up to 35 elevator floors (max 25 floors for N78)



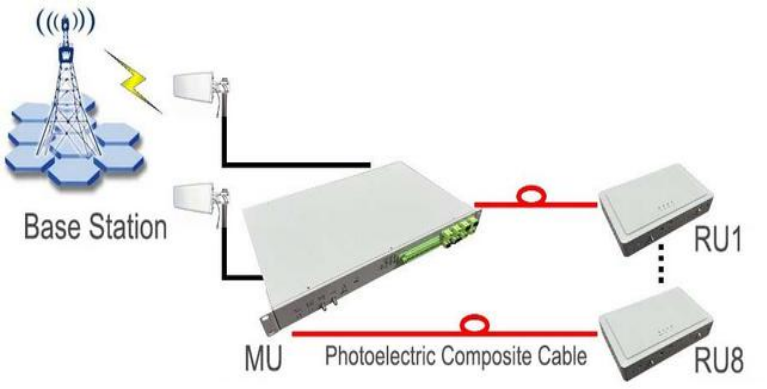
1-to-4

- ◆Compatible with multi- band 4G/5G;
- ◆Up to 100- m transmission;
- ◆Max coverage：2500- 5000㎡
- ◆EU centralized poE.



1-to-8

- ◆ Compatible with multi- band 4G/5G
- ◆ Up to ≥100- m transmission,
- ◆ Max coverage 5000- 10000㎡
- ◆ EU centralized poE.



Low-Power Optical-Distributed Repeater

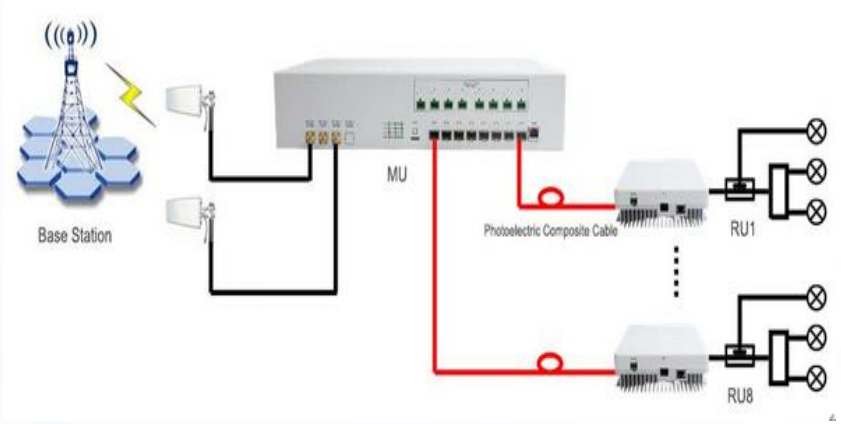
◆Supports bandcombinations :1.8GHz+2.6GHz,1.8GHz+2.1GHz, 1.8GHz+3.5GHz,1.8GHz+2.1GHz+2.6GHz,1.8GHz+2.6GHz+3.5GHz

◆Max topology:1:8

◆Minimum cabling distance:200 m;

◆Max coverage:7500- 15000 m²

◆RUs powered remotely by MU



Medium-Power Optical-Distributed Repeater

◆Supports band combinations: 1.8GHz+2.6GHz, 1.8GHz+2.1GHz, 1.8GHz+3.5GHz

◆Max topology ratio: 1:4

◆Maximum coverage: 20,000- 40,000 m²

◆RUs: indoor- type or outdoor- type optional

◆Power supply options: local power or remote power from MU

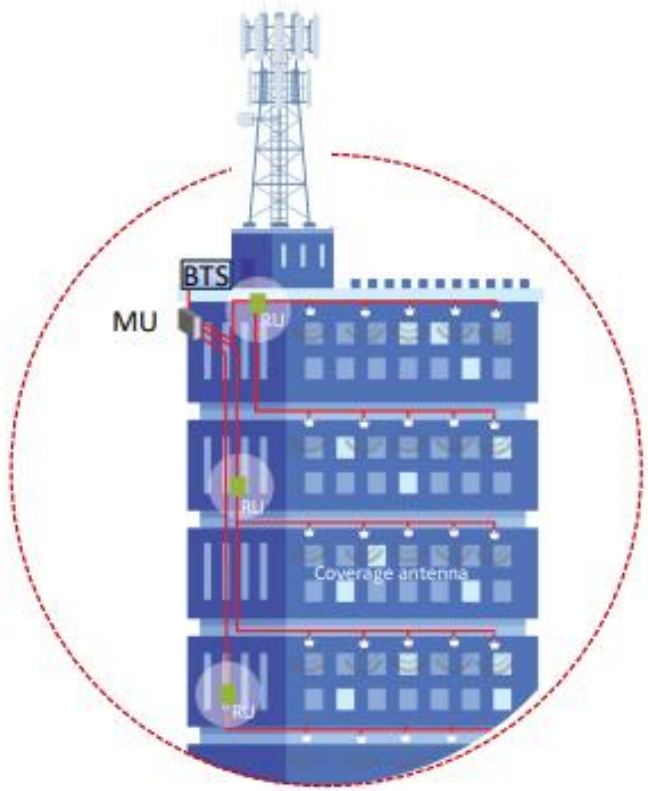
◆Max cabling distance: 5 km for local power supply, ≥200 m for remote- power mode

FIBER OPTICAL Repeater





- MU:RU configuration is 1:4 / 1:8 star topology.
- RU Maximum 20 dBm output power.
- FDD-LTE 1800 and FDD-NR 2100.
- LCD screen of human-computer interaction interface, displaying real-time equipment working status.
- Remote monitoring function via LTE wireless modem.
- Supporting multi-operator application with full system bandwidth.



Signal Distributed System

Features

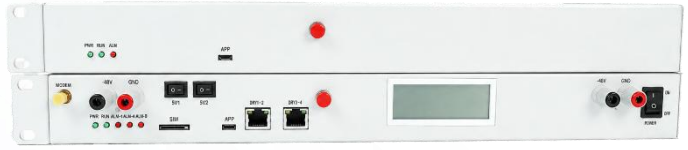
- *MU can operate independently.*
- *MU Supports up to 4 RUs，up to 60 GPS signals.*

1xMU x 4 RU x 12ports = 60 ports，1xMU = 12 ports.

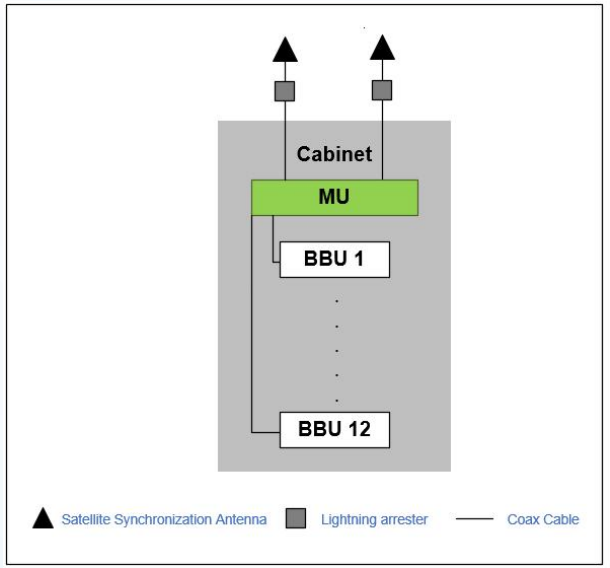
- Cable power feeding to GPS antennas, with switch on/off to control the power supply to GPS antennas.
- Dual Power supply backup design.
- Dual GPS Antennas backup design.
- LNA alarms, Power failure alarm
- Dry contact is compatible with BBU's monitoring system

RU

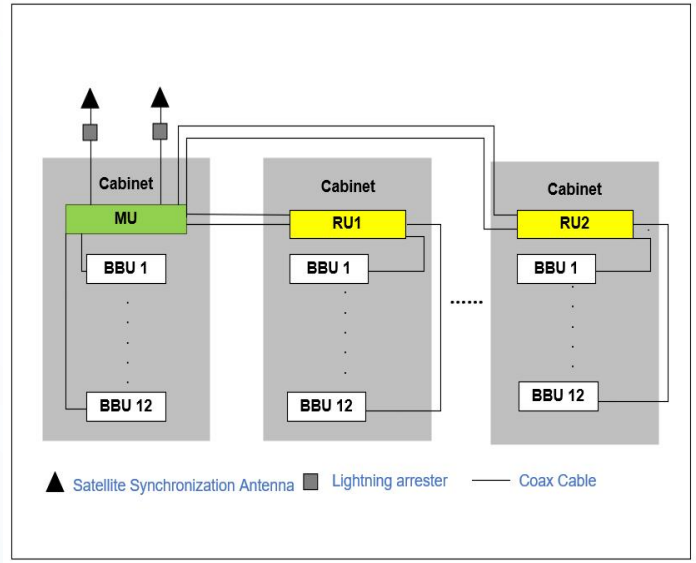
MU



Satellite synchronous signal distributed System



Standalone MU Application



MU + RU Application

Applications

BBU Equipment Room　　Stadium　　Tunnel

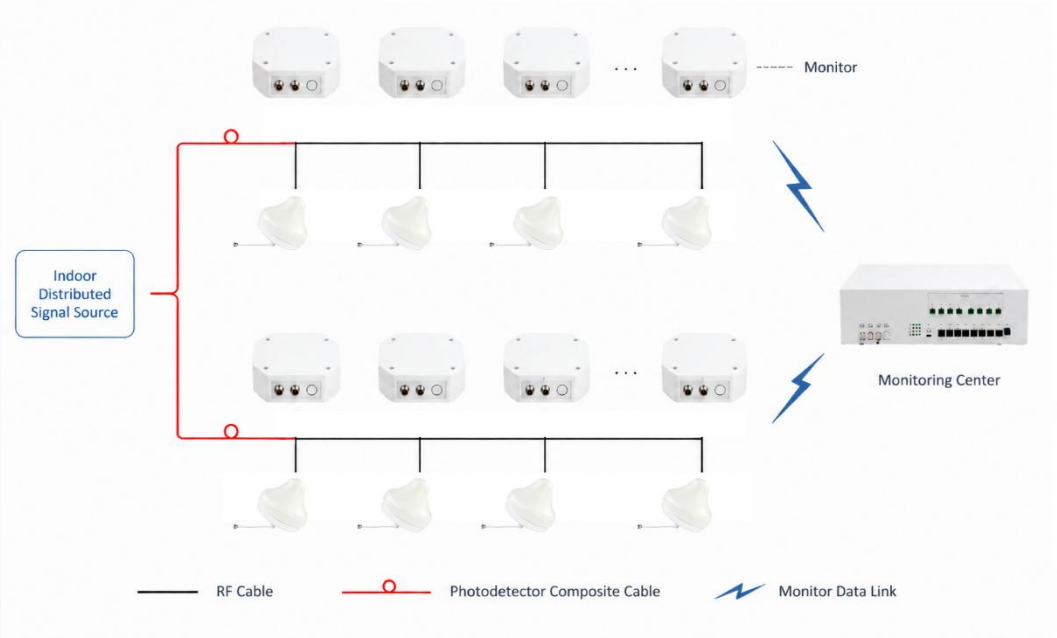
Signal Monitoring

Features

- **Multi-band demodulation**: Supports the analysis of mainstream 4G/5G frequency bands and offers customization options.
- **Comprehensive demodulation information**: Covers communication standard, frequency band, frequency point number, center frequency PCI、TAC、Cell ID、PLMN、RSRP、RSRQ、SINR, etc.
- **4G & 5G demodulation**: Capable of distinguishing 4G/5G mixed-mode frequency bands and analyzing complete 5G signal source information.
- **Self-developed 5G demodulation module**: Features high-level cost control.
- **High sensitivity**:-110dBm≤4G RSRP≤-44dBm，-105dBm≤5G RSRP≤-31dBm
- **Monitoring information transmission & visualization**: Supports transmitting monitoring information back via 4G MODEM, enabling the monitoring center to visually display indoor distributed system quality and faults.



Monitoring end



Applications

Monitoring of indoor distributed signal coverage quality and indoor distributed system faults

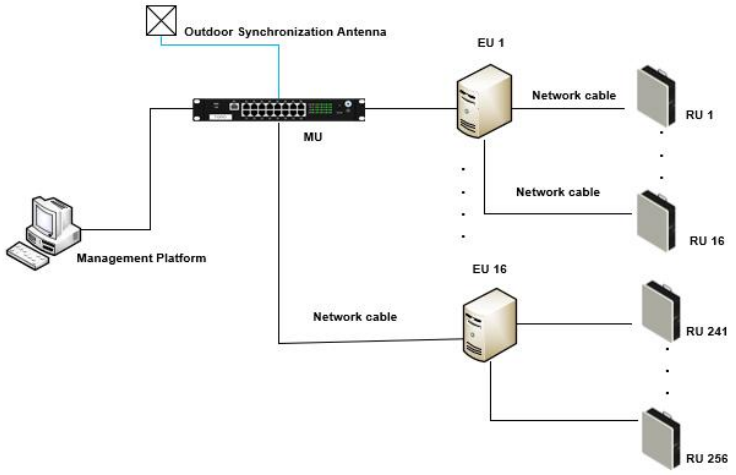
Signal Jammer

Features

- Supports signal shielding 2G/3G/4G/5G networks as well as Wi-Fi 2.4GHz, 5.2GHz and 5.8GHz bands; Customizable frequency bands available.
- Adopts signaling-level digital scrambling technology, enabling precise shielding within target areas.
- No interference to base stations: shielding signals transmitted only on downlink bands/time slots of the system.
- Digital filtering: excellent sideband suppression with no adjacent system interference.
- High flexibility: centralized monitoring, management and upgrade of the entire system via the main unit.
- Eco-friendly and energy-saving: power consumption is only 50% of traditional analog jammers, and electromagnetic radiation is reduced by up to 70%.



Signaling level integrated digital signal jammer



Applications

Sports field; Examination authorities; Government agencies and other institutions.

Thanks

Contact. : +91-7217885948
E-mail : info@rfconnector.in,
pradeep@rfconnector.in
Website : www.rfconnector.in
Address : Plot No. 845, Gali No. 6, Near Harnandi Dharam Kanta, DSIIDC Mundka Industrial Area, Mundka North, New Delhi 110041, India



C O M P A N Y

P R O F I L E