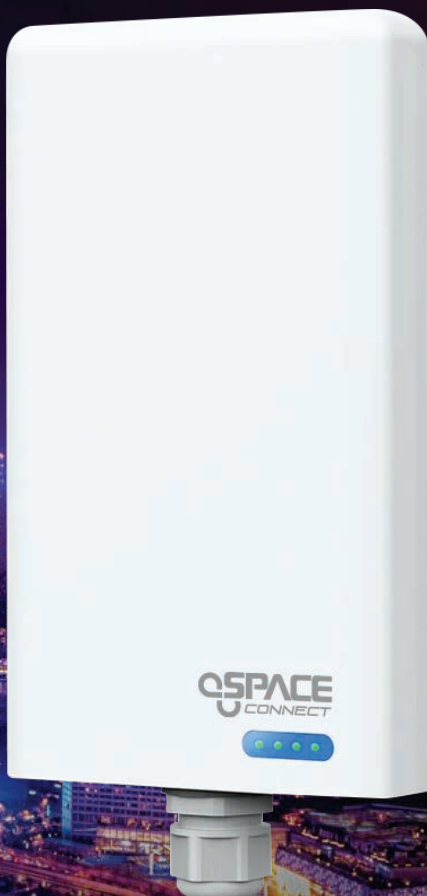




Next-Generation Connectivity

5G Outdoor CPE with PoE



SC-AR5G

www.space-tech.co.za

NEXT-GENERATION CONNECTIVITY FOR HIGH-SPEED OUTDOOR NETWORKING

The Space Technology 5G Outdoor CPE adopts a composite antenna architecture providing 360° horizontal coverage and achieving up to a 40% increase in edge throughput from connected base stations.

Delivering a maximum antenna gain of 13dBi, the unit extends base station coverage by approximately 50%, ensuring enhanced signal reliability, wider service range, and stable high-speed data transmission even in remote or low-signal areas.

In outdoor deployments, signal strength improves by 15–25dB, with data rates increasing by 100%–200% compared to equivalent indoor installations — making it the ideal solution for rural broadband, enterprise connectivity, or industrial IoT networks.

Integrated LED signal indicators, synchronized with the configuration app, enable precise antenna alignment for optimal installation orientation. The intuitive setup process, combined with comprehensive mounting accessories, ensures fast, tool-free self-installation - no advanced technical skills required.

The IP65-rated enclosure offers full protection against dust and water, ensuring long-term durability in harsh weather conditions. Combined with PoE (802.3at/af) power capability and powerful network management features, the Space Technology 5G Outdoor CPE is built for performance, resilience, and simplicity.

EXPERIENCE THE GIGABIT ERA WITH ADVANCED 5G CONNECTIVITY.



Installed on a wall



Installed on a window

SC-AR5G Applications:

- Home and business outdoor internet access
- Remote or rural area broadband connectivity
- Surveillance and security systems
- Industrial and agricultural IoT deployments
- Construction sites or temporary network setups

SC-AR5G Technical Specifications:

HARDWARE	
Chipset	MTK T750
5G NR	3GPP Release 15 NSA/SA operation, Sub-6 GHz
SC-AR5G	5G NR 5G NR N1/3/5/7/8/20/28/38/40/41/77/78 LTE LTE B1/3/5/7/8/20/28/38/40/41/42/43 UMTS WCDMA B1/B5/B8
Maximum transmit throughput (theoretical value)	5G NR SA DL 4.67 Gbps; UL 1.25 Gbps 5G NR NSA DL 4.67 Gbps; UL 836 Mbps LTE DL 1.6Gbps; UL 211Mbps
External port	1 x 2.5G Ethernet port 1 x SIM Slot (2FF) 1 x Reset
LED	1 x Power indicator 1 x SIM status indicator 2 x Network status indicator
Antenna	8 x Built-in LTE/NR Antenna
Antenna Gain (Full Band)	700MHz~960MHz2dBi 1.7GHz~2.7GHz6dBi 3.3GHz~5GHz13dBi
Power supply	DC 20~58V, 24V default
Power consumption	24W
Dimensions	210mm x 130 mm x 40mm
Weight	1000g
IP rating	IP65
Temperature	Working temperature: -30°C to 55°C Storage temperature: -40°C to 70°C
Humidity	Operation humidity: 5% - 95% (non-condensing) Storage humidity: 5% - 95% (non-condensing)
LAN	DHCP Server DNS and DNS proxy DMZ
Management	TR069 SNMP v2/v3 Web UI Software upgrade via Web UI/TR069/FOTA USIM PIN management
VPN and Routing	PPTP L2TP Static routing NAT/Bridge Mode Port Mirror and Port Forwarding IPV4/IPv6 Dual Stack

SECURITY	
	Firewall MAC Address Filtering IP Address Filtering URL Filtering Access Control HTTPS Login from WAN Dos attack protection Two level of user authority
SOFTWARE FUNCTION	
Support System	Windows (Win7/Win8/Win10) Mac (Mac OS 10.10 or above) Linux Chrome OS
Language	English
WAN	Multi-APN support, maximum four IP pass-through IPv4/v6 dual stack
CERTIFICATION AND ENVIRONMENT COMPLIANCE	
Certification Compliance (* Partially Certified or Under Certification Process)	CE* RoHS* REACH* WEEE*
Environment Compliance	Cold: IEC 60068-2-1 Dry heat: IEC 60068-2-2 Damp heat cyclic: IEC 60068-2-30 Change of temperature: IEC 60068-2-14 Shock: IEC60068-2-27 Free Fall: IEC60068-2-32 Vibration: IEC60068-2-6

**DELIVERING 5G SPEED,
OUTDOOR DURABILITY,
AND SEAMLESS
INSTALLATION
FOR THE MODERN
CONNECTED WORLD.**



EXPERIENCE THE POWER OF NEXT-GENERATION CONNECTIVITY. RELIABLE, FAST, AND BUILT TO PERFORM IN ANY ENVIRONMENT.

SC-AR5G Key Features:



MTK750 single chip solution



3Gpp Release 15



Support both SA and NSA



Self Installation



Support POE power supply, comply to 802.3at/af



Powerful software features, supporting all router features



Support Web, TR069 and SNMP based device management



IP65 water and dust proof



Built-in high-gain antennas



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Please note: E&OE. All information and details in this brochure were correct at the time of publication - products are subject to change without prior notice.