



Canopy 4G Indoor Radio Model SCE4255W



Radios increase cellular coverage and network capacity for private networks, improving customer experience and application performance and are a key component in MosoLabs' private cellular network solution.

MosoLabs Canopy is a suite of cutting-edge 4G and 5G indoor and outdoor radios tailored to empower industries such as manufacturing, logistics, and transportation with seamless and secure private cellular networks. Our Canopy 4G Indoor 5G Sub-6GHz radios are designed to improve coverage and capacity, enabling you to build a secure and resilient private network.

Hardware Key Specifications

Key Item	Specification
Small Cell Type	Indoor Enterprise
Working LTE frequency	(3400MHz~3800MHz)B42/B43/B48
Listening bands	B42/B43/B48
Bandwidth Supported	10, 20 MHz
Tx Output Power	EiRP per 10MHz: 30dBm
MIMO	2x2 DL MIMO Support
CA	2CC CA Support
Antenna	Internal antennas: 4xLTE(Omni 5dbi gain), 1xBluetooth(Optional) External antenna connector: 1xGPS
Timing Sync	OTA, GPS, 1588v2
Number of UEs in RRC Connected	64 (32 per Carrier)
VoLTE with QoS	Support

Giga Ethernet Port	1 WAN, 1 LAN
SFP	1 Optional SFP
Bluetooth	Optional, for local maintenance only
TR-69	Support
IPSec	Support
SSH over Public IP Address	Support
SON	SuperSON™ Support
HeMS	Support TR069 standard HeMS or Sercomm's SUPEReMS™
Physical Size (without mounting kit)	10.4x8.3x3.1 in / 265x210x80 mm
Weight (without mounting kit)	4.5 lbs / 2kg
Power Consumption	21 Watts
Power Supply	12V DC or PoE+
Certification	FCC, OnGo, CE
Mounting Option	Wall or ceiling mounting with a bracket

Mounting Illustration

The picture is for reference only, subject to the actual product.

Mounting Bracket Back View



Environment

Operation	Temperature: -5° - 40°C; Humidity: 5% - 95% RH (non-condensing)
Storage	Temperature: -40° - 70°C; Humidity: 5% - 95% RH (non-condensing)

Accessories

Accessories	A bracket for wall or ceiling mounting
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Ordering Information

Model	Description
SCE4255W-BCs-A5	Indoor Enterprise CBRS SmallCell w/CA