

SCO4255P-BC-A10 Outdoor Small Cell



Key Specifications

Key Item	Specification
Small Cell Type	Outdoor TD-LTE Small Cell
Working LTE frequency	(3550MHz~3700MHz) B48
Chip-set	QCA FSM9955
Memory	RAM 4GB eMMC flash and 2GB DDR3
Listening bands	B48
Bandwidth Supported	10, 20 MHz
Tx Output Power	24dBm per path
MIMO	2x2+2x2 MIMO Support
CA	2CC CA Support (Downlink CA)
GPS	Support
Antenna	Internal antennas: 4xLTE (Directional 10dBi gain)
RF modulation	DL: QPSK;16QAM;64QAM, UL: QPSK;16QAM;64QAM
Timing Sync	OTA, GPS, 1588v2
Throughput	DL 220Mbps/UL 8Mbps@20MHz bandwidth(Dual carrier)
Number of UEs in RRC Connected	64 (32 per Carrier)
VoLTE with QoS	Support
Giga Ethernet Port	1 WAN, 1 LAN
Ethernet port (WAN port)	Supports 802.3at type2 "PoE+" as power input
TR-69	Support
IPSec	Support

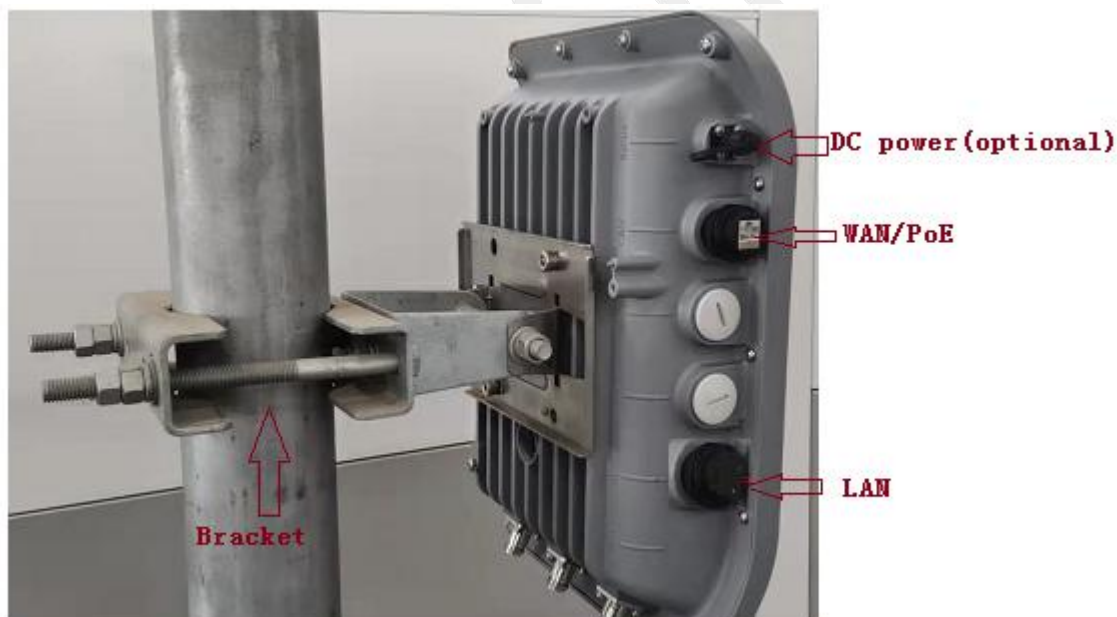
Key Item	Specification
SON	SuperSON™ Support
HeMS	Support TR069 standard HeMS or Sercomm's UDM
Physical Size (without mounting kit)	410x286x115 mm
Weight (without PSU and Bracket)	5.5kg
Power Consumption	21 Watts
Power Supply	PoE+ in or 12V DC in
Certification	FCC part96
Mounting Option	Pole / Wall Mount

→ Environment








Operation temperature	-40°C to 55°C
Storage temperature	-40°C to 70°C
Humidity	5% to 95% non-condensing
Ingress Protection	IP65

→ Ordering Information



Model	Description
SCO4255P-BC-A10	Outdoor CBRS SmallCell w/CA



➔ Accessories Included in the Package

Item	Description	Qty
	PoE ++ injector	1
	POWER CORD	1
	Fixing bracket and Bracket Screws	1x Fixing bracket 4x bracket screws
	Bracket (pole mount) with Mounting nuts/spring washers	1
	Bracket screw Mounting nuts and Mounting washers	1X Bracket screw 3x Mounting nuts 3x Mounting washers
	Grounding cable with screws/washers	1x Grounding cable 2x screws 2x washers
	Ethernet weather proof connector	1

Optional Accessories

Items	Description	Qty
	Power adapter	1
	Power bracket with Mounting Plate Screws	1x Power bracket 4x Screws