

SLX SERIES

INDOOR AND OUTDOOR eNodeB

Don't bring consumer broadband to a commercial site. Get lightning-fast, enterprise-grade broadband data flowing securely across every level of your operation with Nitro.

ENTERPRISE-GRADE PRIVATE BROADBAND

Nitro offers broadband data speeds, so your teams can share information quickly and efficiently. And with up to four times the range¹ of Wi-Fi, your people will be able to access the network from virtually anywhere on-site, using far fewer access points – whether they're on densely-packed factory floors, at busy airports or by the loading dock.

Nitro also has twice the capacity¹ of Wi-Fi, so you'll be able to add more devices to the network without being constrained by low bandwidth or slow speeds. You'll also be able to free your Wi-Fi for other purposes, like increased or enhanced guest access.

PRODUCT HIGHLIGHTS

- Simple management through the Nitro Cloud Portal
- 4G LTE data speeds
- Simple deployment and installation
- Dual Carrier for enhanced capacity and performance
- Enhanced security with IPsec tunneling
- Web-based management and control
 - Provision all infrastructure components and network hardware
 - Register SIMS and manage network access
 - Fault manage and track network health status
 - Analyse data usage across the network
 - Create and manage portal accounts
 - Manage Software User Agreements

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GENERAL SPECIFICATIONS

	SLX 2000	SLX 5000
Environment	Indoor	Outdoor / Indoor
Frequency Band	B42H/B43L (3550 - 3700 MHz)	B43 (3600-3800 MHz)
TxRx Paths	2x 2T2R (2x2 MIMO)	
Carrier Configuration	Single or Dual Carrier contiguous / non-contiguous 2x2, 2CA	
Backhaul	Copper Gb Ethernet / SFP	
Mounting	Wall / Ceiling	Wall / Pole
Max Tx power per port	4 ports x 25 dBm	4 ports x 36 dBm (4 x 4 W)
Antenna	Integrated 8dBi Directional 65 (H) x 60 (V)	Integrated Antenna: 17dBi Directional Beamwidth Azimuth: 65° Elevation: 8° External Antenna: Not included (N-Type Female Connector)
Channel Size / Max Channel Bandwidth	10 or 20 MHz / 2 x 20MHz (40 MHz)	
Modulation	DL: 256 QAM UL: 64 QAM	
Max Active Users (RRC Connected)	256 per eNodeB	
Synchronisation	IEEE1588 / GPS	
Power Source	12 VDC / PoE++ (802.3bt class6)	- 48 VDC
Nominal Power Consumption	32W	90W
Weight	2kg (4.4 lbs)	Integrated Antenna: 7.5kg (16.5 lb) External Antenna: 6.7kg (14.8 lb)
Dimensions (W x L x H)	250 x 250 x 60 mm	Integrated Antenna: 285 x 500 x 125 mm External Antenna: 285 x 350x 125 mm
Operating Temperature Range	-5°C to +40°C	-40°C to +55°C
Ruggedness	IP40	IP66
Compliance	3GPP TS 36.104 FCC Parts 96, 15 UL Listed RoHS6	

For more information, please visit us at motorolasolutions.com/Nitro



¹Based on 802.11a standard for 5.0 GHz Wi-Fi using similar channel bandwidths.

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Availability is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

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