

SLX SERIES

CITIZENS BROADBAND RADIO SERVICE DEVICES (CBSDs)

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 MOTOTRBO® Nitro™.

EXPERIENCE A FIRST

Take full control over your communications network and unlock advanced capabilities with MOTOTRBO Nitro—the first fully-managed platform that combines business-critical voice with private broadband data, enabling a unified, seamless, hassle-free operation.

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 range of WiFi¹, 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 capacity of WiFi¹, 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 WiFi for other purposes, like increased or enhanced guest access.

Product Highlights

- OnGo 3.5 GHz network compatible
- Simple management through the Nitro Cloud Portal
- 4G LTE data speeds
- Simple deployment and installation
- Web-based management and control
 - Provision all infrastructure components (CBSDs, network hardware)
 - Register SIMs and radios; set up users and talkgroups
 - Fault manage and track network health status
 - Analyze data usage across the network
 - Create and manage portal accounts
 - Manage billing and subscription information



GENERAL SPECIFICATIONS

	SLX 2000	SLX 4000
Band	B48 (CBRS) 3550 - 3700 MHz	
TxRx Paths	2x2T2R	
Carrier Configuration	Single Carrier <small>*Dual carrier contiguous / non-contiguous 2x2, 2CA</small>	
Backhaul	Copper Ethernet / SFP	Copper Ethernet
Mounting	Wall / Ceiling	Wall / Pole
Max Tx power per Channel	4 x 25 dBm	
Antenna	Integrated 8 dBi Directional 65 (H) x 60 (V)	External (N-Type Female Connector)
Max Channel Bandwidth	20 MHz	
Synchronization	IEE1588 / GPS (External Antenna)	IEE1588 / GPS (Antenna Included)
Power Source	PoE+ / PoE++ (802.3bt class6) / 12 VDC	- 48 VDC
Weight	4.4 lbs	8.8 lbs
Dimensions (W x L x H)	250 x 250 x 60 mm	220 x 220 x 150 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	



SLX 2000



SLX 4000



SLX SERIES CBSDs



For more information, please visit us at www.motorolasolutions.com/Nitro
or to manage your network, please visit www.motorolasolutions.com/ActivateNitro



1 Based on 802.11a standard for 5.0 GHz WiFi using similar channel bandwidths.

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