

SLX SERIES

CITIZENS BROADBAND RADIO SERVICE DEVICES (CBSD)

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 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 capacity 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

- OnGo 3.5 GHz network compatible
- 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 (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 (2x2 MIMO)	
Carrier Configuration	Single or Dual Carrier Contiguous / (Non-Contiguous*)	
Backhaul	Copper Ethernet / SFP	Copper Ethernet
Mounting	Wall / Ceiling	Wall / Pole
Max Tx power per port	4 x 25 dBm	
Antenna	Integrated 8 dBi Directional 65 (H) x 60 (V)	External (N-Type Female Connector)
Max Channel Bandwidth	2 x 20 MHz (40 MHz)	
Synchronization	IEE1588 / GPS (External Antenna)	IEE1588 / GPS (Antenna Included)
Power Source	12 VDC / PoE++ (802.3bt class6)	- 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	

*Future Capability



SLX 2000



SLX 4000



SLX SERIES CBSD



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 Wi-Fi using similar channel bandwidths.

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. 800-367-2346 motorolasolutions.com

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