SILVUS
TECHNOLOGIES

STREAMCASTER NEXUS™
INTEGRATED TACTICAL COMMUNICATIONS

Empowering The Elite Operator

Engineered For Mission Mobility
- Available in Juggernaut Armor Mount and Velox Configurations
- Optimized size, weight and power to minimize load-out and maximize operational freedom
- Less than 1.5 lb. and ~1.5 inches thick

Built for the SM5200
- Up to 2W native / 4W effective output power
- Integrated PTT with Left/Right Audio
- Dedicated ROIP interface
- 1x Ethernet, 2x USB, 1x RS232
- 3-point snap lock system for chest-mounted or standalone radio operation

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FEATURES

Directional LED Indicator
(Only Visible to Operator)

ETH/USB/Serial
Alternate Power Input

Low Glare Black
TNC Connectors

Embedded Downlead
to Power Source
(USB-PD or 9-32VDC)

Snag Free Cable
Management

PTT (L/R Audio)
ROIP

EUD/PWR

3-Point Snap Lock
Radio Mount

SPECIFICATIONS*

TRANSMIT POWER	NATIVE TX POWER User Adjustable 1mW – 2W	EFFECTIVE TX POWER w/Beamforming Up to 4W
WAVEFORM		Mobile Networked MIMO (MN-MIMO)
ENCRYPTION		AES256; FIPS 140-3
DATA RATE		Up to 100 Mbps (adaptive)
FREQ. BANDS (MHz)		L (1350-1440); S (2200-2500); C (4400-5000)* L&S (1350-1440) + (2200-2500) S&C (2200-2500) + (4400-5000)* *Expected Q4, 2025
CHANNEL BANDWIDTH (MHz)		20/10/15 (2.5/1.25 Optional)
SCALABILITY		550+ Nodes
SPECTRUM DOMINANCE LPI/LPD & ANTI-JAM CAPABILITIES		MANET Power Control (MAN-PC)* MANET Interference Avoidance (MAN-IA) MANET Interference Cancellation (MAN-IC)* *ITAR-Controlled
POWER INPUT		USB-PD (9V@3A) or 9-32 VDC
POWER CONSUMPTION		4-13W @ 2W TX Power (SM5200)
DIMENSIONS		103 x 68 x 13mm (Radio Only) 178 x 124 x 39mm (Total System)
WEIGHT		214 grams (Radio Only) 648 grams (Total System)

* Preliminary Specifications – Subject To Change

SM5200