

U.S. Army – Program of Record StreamCaster MANET Radios

SCDR

StreamCaster Mini 4200

AN/PRC-169(v)

StreamCaster 4400 Enhanced
StreamCaster 4200 Enhanced Plus

Tactical Edge Connectivity Enabling Multi-Domain Operations



Class-Leading Range | Throughput | EW Resilience | Scalability

Silvus StreamCaster – The world’s most advanced tactical MANET radios providing assured voice, high-fidelity video, PLI & IP data comms for dismounted ground forces, on-the-move, at-the-halt and aerial tier units. Powered by Silvus’ proprietary MN-MIMO waveform that creates massively scalable mesh networks that thrive in congested and contested environments.

Dedicated to Achieving the Army’s Unified Network Modernization Objectives

U.S. Army Program Notables

- ✦ SCDR (POR – FY’21; FY’22; FY’23) – Proven performance creating Battalion Size Flat Networks
- ✦ NGCV (RCV-L) (Phase II) – Protected C2 & Comms for Manned/Unmanned Teaming (Air, Ground, ALE)
- ✦ ITN (CAP Set 21/23) – High Bandwidth Connectivity – Infantry, Stryker Brigade Combat Teams & Aerial Tier Units
- ✦ IBCS (POR - AIRS) – Rapidly Deployable Battlefield Communication Mesh Networks – Fusing Sensors to Shooters
- ✦ STS (LOS) (POR – PRISM) – High Bandwidth Long-Range Connectivity for Line-of-Sight Logistics Data Exchange

U.S. Army ATO Certification:

StreamCaster radios & version 4.0.2.8 StreamScape firmware

U.S. Army – Program of Record StreamCaster MANET Radios

AN/PRC-169(v)1



StreamCaster 4400E

AN/PRC-169(v)2



StreamCaster 4200EP

SCDR



StreamCaster Mini 4200

SPECIFICATIONS CONFIGURATION OPTIONS:	AN/PRC-169(v)		SCDR
	(v)1	(v)2	
RADIO - MODEL	StreamCaster 4400E	StreamCaster 4200EP	StreamCaster Mini 4200
Part Number	SC4480E-235467-SBST	SC4240EP-235467-BB	SM4210-235-SB
NSN	5820-01-691-2906	5820-01-691-2880	5820-01-695-4452
ANTENNA			
Omni 2 dBi; 2.1-2.5GHz Gooseneck, TNC Male			✓
Omni 2 dBi; Dual Band 2200-2500MHz and 4400-5900MHz; Gooseneck, TNC Male	○	✓	
Omni 4dBi in S Band; 6dBi in C Band; Dual Band 2200-2500MHz and 4400-5875MHz; Gooseneck, TNC Male	✓	○	
Horizontal Polarized Omni 4 dBi in S Band, 5 dBi in C Band; Dual Band 2200-2500MHz and 4400-5000MHz; Flanged Spring Base, N Female; (US/NATO 4 & 6 hole mounting pattern)	○	○	
Vertical Polarized Omni 4 dBi in S Band, 5 dBi in C Band; Dual Band 2200-2500MHz and 4400-5000MHz; Flanged Spring Base, N Female; (US/NATO 4 & 6 hole mounting pattern)	○	○	
POWER SUPPLIES			
AC Power Supply, Outdoor, 120W, Switchcraft EN3 Series 2-contact(f)	✓		
6.8Ah Twist-lock Battery		✓	
Twist-lock Battery Dual Charger		✓	
CABLES			
Primary ODU cable for SC4200/SC4400, 6 foot, Ethernet (RJ-45), RS232 (6-pin Switchcraft), Power (2-pin Switchcraft)	✓		
Primary ODU cable for SC4200, 6 foot, 10-pin ODU circular connector, Ethernet (RJ45), RS232 (6-pin Switchcraft)		✓	
36" (3 ft) ODU-ODU cable (Rev-A)			✓
60" (5 ft) 'Y' Client (ODU-USB(A&C)) cable (Rev-A)			✓
POUCH			
MOLLE, OC Pattern			✓
SPECTRUM DOMINANCE PACKAGE			
MAN-IA, MAN-IC, Narrowband	✓	✓	○
No-Cost updates to future features (Advanced Waveform, Power Control)	✓	✓	✓

Legend:

- ✓ Radio Set Component
- Optional Accessory Qualified for use with Radio Set

www.silvustechologies.com

The following notice applies to the sale, lease, or offer of this device other than for use by the United States Government or for export: This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained. Please contact Silvus for questions about the FCC approval status or requirements that pertain to this device including whether an FCC approved version is available. Exported devices are subject to the laws of the countries into which they are exported.