KÄGWERKS®
NEVER A FAIR FIGHT

SILVUS TECHNOLOGIES

D.O.C.K™ STREAMCASTER
TACTICAL NETWORKING SYSTEM

DOCK SL4210P
Purpose Built for Multi-Domain Operations

Compact, lightweight and powerfully connected, DOCK SL4210P features an integrated StreamCaster MANET radio delivering up to 1W output power and 100 Mbps throughput for high-fidelity video, voice and IP data. The Silvus MN-MIMO waveform creates massively scalable mesh networks, providing connectivity to hundreds of nodes across multi-domain operations.

Through direct connection to Samsung's latest S23TE EUD, instantly access ATAK for increased situational awareness and mission planning. Built-in Intra-Soldier Wireless & Nett Warrior provides connectivity to networked devices and soldier worn peripherals.

Available access to Spectrum Dominance expansive suite of LPI/LPD and Anti-Jamming resiliency capabilities enables secure and protected comms in congested and EW contested environments.

With an ultra-low SWaP profile, DOCK SL4210P features streamlined cabling and unified power, reducing operator load-out for increased combat effectiveness.

Natively compatible with other DOCK StreamCaster Tactical Networking Systems, DOCK SL4210P provides the ability to create a scalable network of Universally Connected Warfighters operating at the tactical edge.

OPERATOR CENTRIC DESIGN

Ultra-low SWaP Profile and Flexible, Modular Design reduces operator load-out for increased Combat Effectiveness

- Remove or replace Radio & EUD with a flick of the Quick Release Lever
- Streamlined Cabling & Unified Power – 36% reduction in Kit Failure Points
- Multiple Connector Option – Plug & Play Accessory Compatibility

POWERFULLY ADVANCED NETWORKING PERFORMANCE

Seamlessly scale from tactical Personal Area Network to Wide-area Networks capable of connecting hundreds of nodes
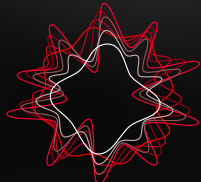
- Integrated StreamCaster MANET radio – 1W native, up to 2W effective output power
- High Bandwidth Video, Voice & IP Data – Up to 100 Mbps Data Rate
- MN-MIMO Waveform – Operationally proven to connect 550+ nodes

BUILT FOR THE UNIVERSALLY CONNECTED WARFIGHTER

Integrated Samsung S23TE provides Mission-Ready Mobility and powerful On-Board Processing with Advanced Security Features

- Intra-Soldier Wireless – Instantly access networked devices
- ATAK – Enhanced situational awareness, geospatial, Blue Force Tracking, sensor & cursor on target intelligence. Access specialized ATAK plug-ins including Silvus' advanced radio & configurable PTT settings
- Nett Warrior Connected – Instant access to networked devices & soldier-worn peripherals
- Achieve C2 Interoperability – Directly connect to unmanned systems & sensors to expedite sensor-to-shooter capabilities and maximize lethality

ACHIEVE SPECTRUM DOMINANCE

Achieve RF Spectrum Overmatch with access to an expansive suite of LPI/LPD and Anti-Jamming capabilities

- Secure and Protected Comms without Sacrificing Performance
- Designed to thrive in Congested & Contested environments
- Achieve mission objectives even under electronic attack

APPLICATIONS

Defense
High Bandwidth Networking: On-the-Move, At-the-Halt, Dismounted Operations

Law Enforcement/Public Safety
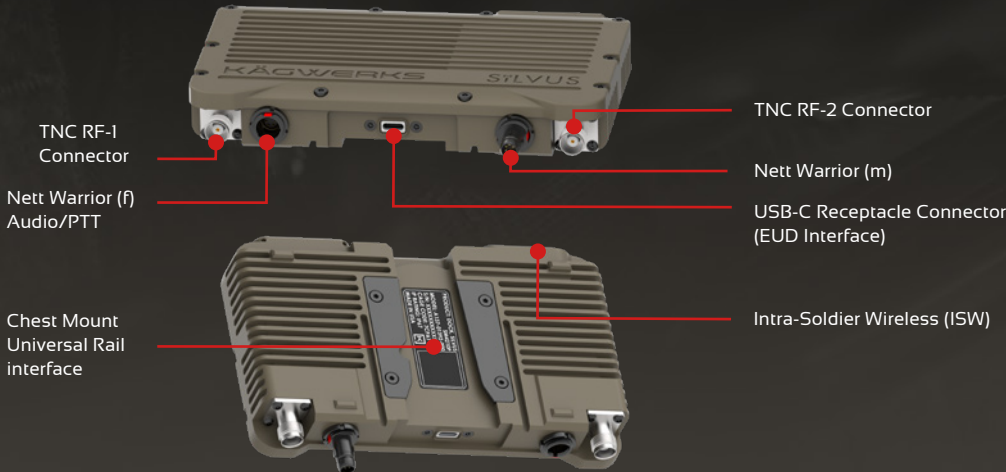Tactical Bubble Mesh Network Connectivity: Sensors, Vehicles, EOD & Security Operations
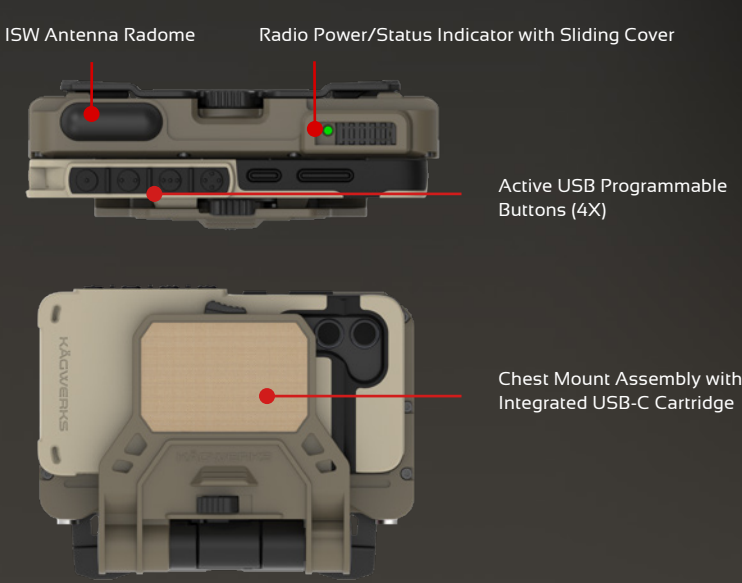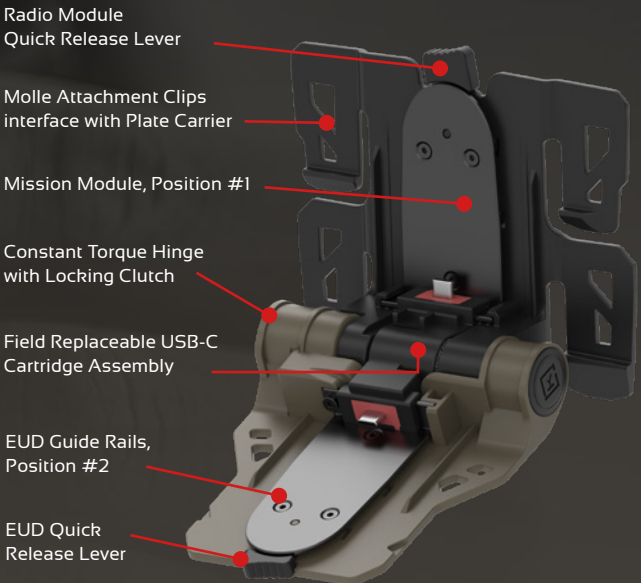
Unmanned Systems
C2 & Comms Relay – Connecting Multiple Operators & Platforms

Removable SL421OP MANET Radio Module

Cerakote aluminum housing for heat sinking. Ruggedized IP67 packaged solution; MIL-STD 810H environmental testing standard

- TNC RF-1 Connector
- Nett Warrior (f) Audio/PTT
- Chest Mount Universal Rail interface
- TNC RF-2 Connector
- Nett Warrior (m)
- USB-C Receptacle Connector (EUD Interface)
- Intra-Soldier Wireless (ISW)

- StreamCaster SL421OP Radio Module
- Samsung S23TE EUD

DOCK Chest Mount Assembly

- Radio Module Quick Release Lever
- Molle Attachment Clips interface with Plate Carrier
- Mission Module, Position #1
- Constant Torque Hinge with Locking Clutch
- Field Replaceable USB-C Cartridge Assembly
- EUD Guide Rails, Position #2
- EUD Quick Release Lever

- ISW Antenna Radome
- Radio Power/Status Indicator with Sliding Cover
- Active USB Programmable Buttons (4X)
- Chest Mount Assembly with Integrated USB-C Cartridge

DOCK SL4210P

TX POWER	1mW — 1W (2W Effective, thanks to Eigen-Beamforming)
WAVEFORM	MN-MIMO
ENCRYPTION	DES56(Standard); AES256(Optional); FIPS 140-3 Level 2
DATA RATE	Up to 100 Mbps
FREQ. BANDS (MHz)	L (1350-1440) S (2200-2500) L&S (1350-1440) + (2200-2500)
CHANNEL BANDWIDTH (MHz)	20/10/5 (2.5/1.25 Optional)
SCALABILITY	550+ Nodes
SPECTRUM DOMINANCE LPI/LPD & ANTI-JAM CAPABILITIES	MANET Spectrum Analyzer (MAN-SA)
	MANET Power Control (MAN-PC)*
	MANET Protected Waveform (MAN-PW)*
	MANET Interference Avoidance (MAN-IA)
	MANET Interference Cancellation (MAN-IC)*

*ITAR Controlled

Samsung S23TE (Sold Separately)

MODULAR DESIGN	Future-forward casing solution design accommodates current & next generation EUD
CASING SOLUTION	4 Programmable USB Buttons, instantly access key ATAK functions
ENVIRONMENTAL	MIL-STD 810H
PROCESSOR	Qualcomm Snapdragon 8 Gen 2 with 64 Bit Octa-core 3.36 GHz processor
DISPLAY	6.1" Dynamic AMOLED 4K
OS	Android 13 with One UI 5.1 and Knox 3.9 Security
CAMERA	50MP; 3x Optical Zoom; 8K Video
STORAGE	256GB

MECHANICAL

SIZE	168x53x130mm; 6.6"x2"x5.11"
WEIGHT	44oz; 2.75lb
POWER/INPUT VOLTAGE	10-17 VDC
PORTS/CONNECTORS	
POWER & DATA	Glenair 6-Pin NW(m)
AUDIO/PTT	Glenair 6-Pin NW(f)
EUD	USB-C(f)
RF	2xTNC(f)

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