

KÄGWERKS®
NEVER A FAIR FIGHT

SILVUS
TECHNOLOGIES

D.O.C.K.™ STREAMCASTER

TACTICAL NETWORKING SYSTEM

DOCK SC4240P

The Most Powerful DOCK Tactical Networking System Available

Designed for the Team Leader and individual warfighter with advanced mesh networking, ATAK, and Nett Warrior connectivity – DOCK SC4240P is the most powerful DOCK Tactical Networking System available.

Integrated StreamCaster MANET radio provides up to 4 Watts output power and 100 Mbps throughput, delivering high-fidelity video, voice and IP data communications. At the heart of DOCK SC4240P is Silvus' proprietary MN-MIMO waveform – capable of connecting hundreds of nodes in any operational environment.

Direct connection to Samsung's latest S23TE EUD provides the power to run ATAK advanced plug-ins for increased situational awareness, and mission planning.

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 a low SWaP profile, the DOCK SC4240P chest-mountable wearable kit features streamlined cabling and unified power, reducing operator load-out for increased combat effectiveness.





OPERATOR CENTRIC DESIGN

Compact, Flexible & Modular Design reduces operator load-out while increasing Mobility & Mission 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

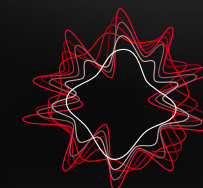
- Integrated StreamCaster MANET Radio – 4W native, up to 8W effective output power
- High Bandwidth Video, Voice & IP Data – Up to 100 Mbps Data Rate
- MN-MIMO Waveform – Operationally proven to connect 550+ nodes



BUILT FOR THE UNIVERSALLY CONNECTED WARFIGHTER

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

- 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

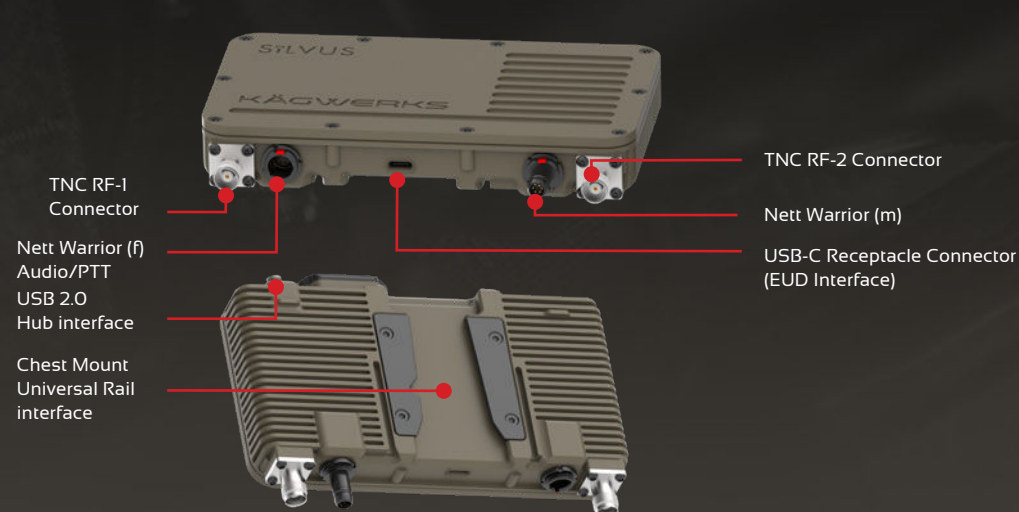


Unmanned Systems

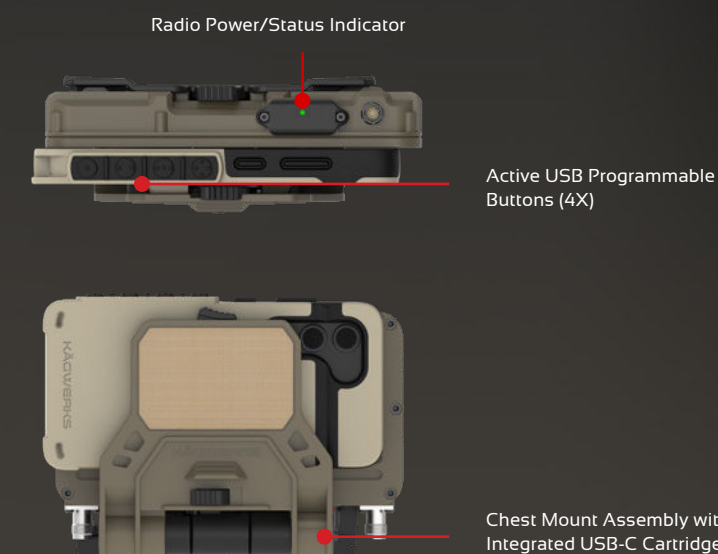
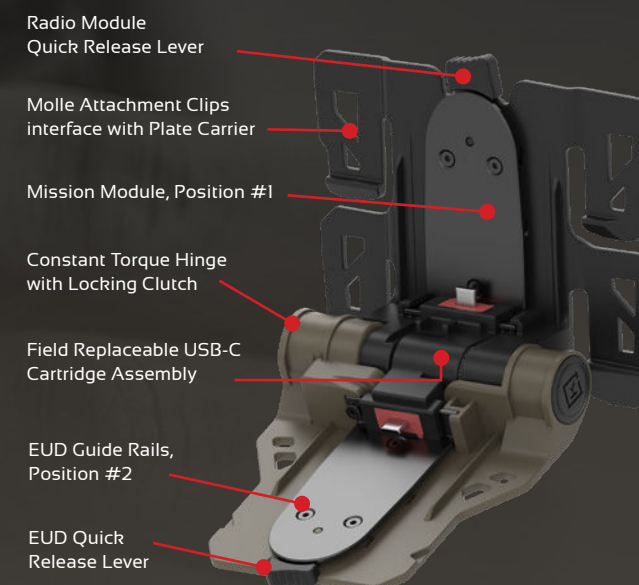
C2 & Comms Relay – Connecting Multiple Operators & Platforms

Removable SC4240P MANET Radio Module

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



DOCK Chest Mount Assembly





DOCK SC4240P

TX POWER	1mW – 4W (8W 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) L6S (1350-1440) + (2200-2500) C (4400-4940) S&C (2200-2500) + (4400-4940)
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	163x53x130mm; 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	ODU 7-Pin
USB/AUX	Glenair 6-Pin NW(f)
EUD	USB-C(f)
RF	2xTNC(f)

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