

# KÄGWERKS™ D.O.C.K. LITE® Mesh Module

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## **MORE THAN A SIMPLE RADIO**

The Dock Lite Mesh Module brings reliable communications and situational awareness to the team, increasing mission effectiveness.

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Introducing the **Dock Lite Mesh Module**, our first Dock Lite accessory. The Mesh Module is a small form factor mesh networking device that enables seamless communications from a squad to a company size element. High capacity MESHULTRAX™ waveform ensures high speed connectivity between team members directly from the Dock Lite providing voice, PLI, data, and HD video. This eliminates the need for large “handheld” radios and the accompanying cables. Dock Lite Mesh Module connects up to 144 users on a single 1.25MHz channel with an output power below 400mW. Full ATAK integration makes programming, network management and visualization easy.

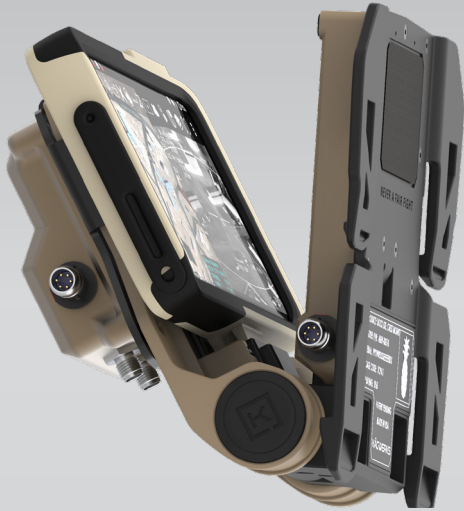


Made in the USA

# KÄGWERKS™ D.O.C.K. [K] LITE® Mesh Module

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VIEW SIDE



## EXPANDS TO DOCK LITE PERSONAL AREA NETWORK

By adding inter team communications  
in a small chest mounted device

As part of the Dock Lite, Mesh Module  
can be fully integrated with Nett  
Warrior system

## RADIO SPECS

**Power:** 6-18V Glenair Nett  
Warrior 6 pin

**RF Power Output:**  
- 2x 100mW S-Band  
- 2x 200mW L-Band

**Frequency Ranges:**  
- 1.20-1.75GHz  
- 1.67-2.35GHz  
- 2.10-2.50GHz

**RF Connection:** 2x SMA

**Throughput:** Max 87 Mbps @  
20MHz

**Cognitive IAS** (Interference  
Avoidance)

**Channels:** 1.25-20MHz

**Encryption:** AES256

**128GB** Internal storage

**User Interface:** ATAK Plugin

**Network Node Density:** 144 @  
1.25MHz

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VIEW CLOSED



## MESH MODULE CAN BE ADDED TO CURRENTLY FIELDIED DOCK LITE PLATFORMS

Increasing data throughput to 86Mbps  
expanding current network capabilities and  
delivering voice communications

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ORDER NOW **360.210.4370** [WWW.KAGWERKS.COM](http://WWW.KAGWERKS.COM)  
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