

StreamCaster 4200 Plus

Drop-in Module



Reduced SWaP... made easy.

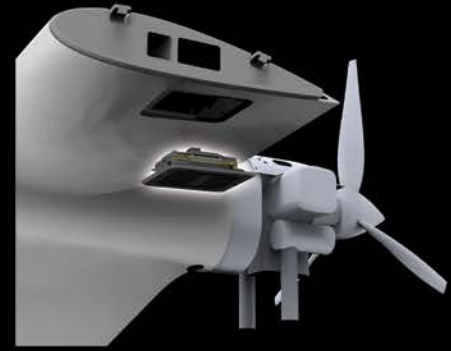
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TECHNOLOGIES

LEADING THE MIMO REVOLUTION

STREAMCASTER 4200+ DROP-IN MODULE

FEATURES

- Familiar mechanical footprint, hole pattern, and JST connectors for plug-and-play compatibility with a variety of subsystems on the market today
- Industry-leading range, throughput, and robustness
- Reduced Size, Weight, and Power Consumption (SWaP)
- Dual bands without swapping hardware
- Anti-Jam and LPI/LPD enhancements
- Interoperable with StreamCaster (AN/PRC-169) Program of Record Radios

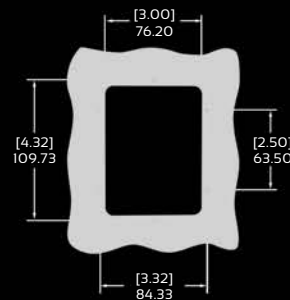


Upgrade your platform with the power of MN-MIMO with streamlined integration and reduced time to market

GENERAL

WAVEFORM	Mobile Networked MIMO (MN-MIMO)
ENCRYPTION	DES56 (Standard) AES256 (Optional) FIPSI40-2 Level 2 (Suite B)
DATA RATE	Up to 100Mbps (Adaptive)
MIMO CONFIGURATION	2x2
MIMO TECHNIQUES	Spatial Multiplexing, Space-Time Coding TX/RX Eigen Beamforming
OUTPUT POWER	1mW - 10W variable (up to 20W effective w/TX Beamforming)
LATENCY	7ms average (20MHz BW)
SENSITIVITY	-99dBm @ 5MHz BW -105 dBm @ 1.25MHz BW (Optional)
INPUT VOLTAGE	8-36v
FREQUENCY BANDS	Single/Dual Bands from 300MHz to 6GHz
CHANNEL BANDWIDTH (MHZ)	20/10/5 (2.5/1.25 Optional)
DATA INTERFACES	Ethernet, USB OTG, RS232
AMBIENT TEMPERATURE	-40° to +60° C
POWER CONSUMPTION	5W - 48W @ 10W TX Power 5W - 24W @ 4W TX Power
WEIGHT	245 grams (260 grams for dual band)
SPECTRUM DOMINANCE	MANET Spectrum Analyzer (MAN-SA) MANET Interference Avoidance (MAN-IA) MANET Interference Cancellation (MAN-IC)

MECHANICAL (INCHES) / MM



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