



Interference Excision System

VSAT EMBEDDMENT	
Panther™ II	Ku-, X- and Ka-Band 60 cm and 96 cm apertures
Shadow™	Ku-band, flat-panel
Hawkeye™ III Lite	Ku-, X- and Ka-Band 1.2 M auto-acquire
Hawkeye™ III	C-, Ku-, X- and Ka-Band 1.6 M, 2.0 M and 2.4 M auto-acquire
Hawkeye™ IV Lite	Ku-, X- and Ka-Band 1.3 M auto-acquire
Other terminals	External stand-alone module

TOOLS

Beacon receiver	On-board
Monitor and Control (M&C)	On-board
Spectral Display	On-board

INTERFACE

ViewSAT-e

Web-based Graphical User Interface (GUI)

Shadow, Panther II or Hawkeye III Lite with integrated GATEKEEPER



GATEKEEPER™ Interference Excision System

© 2023 L3Harris Technologies, Inc. | 04/2023 SP143B

Non-Export Controlled Information

L3Harris Technologies is a Trusted Disruptor for the global aerospace and defense industry. With customers' mission-critical needs always in mind, our 46,000 employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains.



GATEKEEPER is an advanced interference excision system that automatically identifies and mitigates both intentional and unintentional interference. The embedded GATEKEEPER module restores the performance of the host system, mitigating interference caused by static tones, dynamic frequency tones and modulated signals.

GATEKEEPER technology allows the operator to perform validation of signal acquisition and other tasks which normally require a separate spectrum analyzer. All of these functions are accessed through ViewSAT-e, a web-based Graphical User Interface (GUI).



1025 W. NASA Boulevard Melbourne, FL 32919

L3Harris.com