Whether the need is remote Internet/VPN, live videoconferencing, surveillance or reconnaissance, the Hawkeye™ III Lite 1.2M Auto-Acquire, Tri-Band Flyaway VSAT system provides high data rate communications of 2-5Mbps as determined by the link parameters. This light-weight solution can be deployed in a matter of minutes utilizing the auto-acquire antenna system, ViewSat GUI, and the GCS Enhanced Outdoor Unit (ODU). The ODU includes the latest version of the iDirect Evolution iConnex™ e800 modem, LAN switch and a control processor. The complete system consists of two hard sided cases which house the ODU, auto-acquire antenna pedestal, controller, 6-segment carbon fiber circular reflector, boom and feed, and LNB devices for global coverage.

**SYSTEM FEATURES**
- Light-weight two or three case design (as determined by system configuration)
- Embedded iDirect Evolution® iConnex e800 modem
- LinkWay82™ modem option
- Segmented carbon fiber reflector offers high performance and light weight
- Robust auto-acquisition to support Ku-, X-, and Ka-Bands
- Interchangeable Feed Boom design allows for easy RF Band change
- Common architecture to GCS Hawkeye™ III Series systems
- 4 LAN ports or 3 LAN ports plus DSL option
- MIL-STD-810 tested
- DVB-S2/ACM capable

**APPLICATIONS**
- Quick-deploy voice, data, and video
- Military command/control or logistic support communications
- Deployable Homeland Defense or Emergency Response communications
- Worldwide remote Internet/VPN connectivity
- VoIP or Video-Conferencing
ELECTRICAL/PERFORMANCE

Pedestal: Motorized, case based, fully auto-acquire
Antenna: 1.2M segmented carbon fiber
Optics: Offset, Prime Focus, 0.6 F/D
Azimuth: +90° to -90°
Elevation: +7° to +90°
IFL: 50 ft LAN, 25 ft AC Power

ENHANCED OUTDOOR MODEM (ODU)
- Note 1: G/T at mid-band frequency and 20 degrees elevation.

MECHANICAL

Weight**: Case 1: < 100 lb.
Case 2: < 100 lb.

POWER

Input Power: 800 VA (MAX)

ENVIRONMENTAL

Wind Loading: 30 mph, gusting to 45 mph (with anchors)
Operating Temp.: -32 °C to +50 °C
Storage Temp.: -40 °C to +60 °C
Certifications: MIL-STD 810, ARSTRAT (X- & Ka-Band)

<table>
<thead>
<tr>
<th>Band</th>
<th>Receive (GHz)</th>
<th>Transmit (GHz)</th>
<th>G/T (dB/K)</th>
<th>EIRP (dB/W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>7.25 to 7.75</td>
<td>7.90 to 8.40</td>
<td>16.3</td>
<td>53.9 (40 W)</td>
</tr>
<tr>
<td>Ku</td>
<td>10.95 to 12.75</td>
<td>13.75 to 14.50</td>
<td>20.5</td>
<td>58.2 (40 W)</td>
</tr>
<tr>
<td>Ka</td>
<td>20.2 to 21.2</td>
<td>30.0 to 31.0</td>
<td>23.0</td>
<td>60.9 (20 W)</td>
</tr>
<tr>
<td>Ka Commercial</td>
<td>19.2 to 20.2</td>
<td>29.0 to 30.0</td>
<td>22.6</td>
<td>60.6 (20 W)</td>
</tr>
</tbody>
</table>

PART NUMBER | DESCRIPTION
-------------|----------------------------------
GCS-1512eK-XXX* | Hawkeye™ III Lite Ku-Band*** 1.2M auto-acquire VSAT flyaway system with iDirect iConnex™ e800 modem, and (4) LAN ports
GCS-1512eX-040* | Hawkeye™ III Lite X-Band*** 1.2M auto-acquire VSAT flyaway system with iDirect iConnex™ e800 modem, and (4) LAN ports
GCS-1512eA-020* | Hawkeye™ III Lite Ka-Band*** 1.2M auto-acquire VSAT flyaway system with iDirect iConnex™ e800 modem, and (4) LAN ports

* = (W) White, (T) Tan, (G) Green
*** = Ku-, X-, and Ka-Band kits are available

GCS
7640 Omnitech Place
Victor, NY 14564
Tel: 585.742.9100
Fax: 585.742.1914
Email: GCS.information@L-3com.com
www.L-3com.com/GCS

Clears for public release by DoD/OSR under 13-S-0946 on February 13, 2013. Data, including specifications, contained within this document are summary in nature and subject to change at any time without notice at L-3 Communications’ discretion. Call for latest revision. All brand names and product names referenced are trademarks, registered trademarks, or trade names of their respective holders.

Rev. C