

**Nexus iSR, LLC**  
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Rochester, NY 14608

NL-CAT

# Nexus iSR

## Product Gallery



## Models, Accessories and Assemblies

- Nexus Hawk, by model with options
- Specialty Antennas, Ruggedizing Enclosures, Amplifiers, Cable Assemblies

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## Table of Contents

This <i>Table of Contents</i>	2
Cellular Antennas, Cellular Amplifiers, GPS Antennas, AC/DC Power Cubes	3
Nexus Hawk™ 2000 models	4
Nexus Hawk™ 1000 models	5
Data card antenna cable assemblies	6
Nexus Hawk™ Mobile Mounting Kits	6
Dealer Order Checklist and Sales- completion Guide	7

### Nexus iSR, LLC

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## Dealer Order Checklist and Sales-completion Guide

### Your pre-sales activity check list

- The customer has validated the Nexus Hawk as a solution.
- You have discussed integration/installation services with the customer.
  1. Customer will self-install (and you have shared Nexus iSR's document titled *Nexus Hawk Vehicle Installation Guideline* with them.) Otherwise...
  2. You will provide integration/installation services to them, using qualified technicians who have reviewed that document.
- The customer has identified their data carrier that they will use.
  1. The customer will obtain a preferred card for use.
  2. The customer will activate the card prior to using it.
  3.  Include the correct data-card cable assembly (page 6)

### Choosing the correct Nexus Hawk™ model

- 1000 (011H)     1000W (011HW)     1000G (011HG)     1000WG (011HWG)
- 2000 (012H)     2000W (012HW)     2000G (012HG)     2000WG (012HWG)

### Choosing a winning antenna-system strategy

- Metropolitan or Strong Signal Area use    162B31F19 (page 3)
- Suburban or Lower Signal Area use    162B21S23 (page 3)
- Rural or Weak Signal Area use    162B21S23 & 111A201D (page 3)
- ¾" through-hole antenna mounting
- Deck-lip mounting of any above antennas(deck-lip mount kit needed)
- Magnetic mount – NOTE: Not a Nexus iSR supported solution.

### Choosing the Mounting and Security Strategy

- No mounting enclosure desired
- Standard steel mounting enclosure    149S4 (page 6)
- Premium, higher-security steel mounting enclosure    149S2 (page 6)
- The Nexus Hawk™ is mounted within 8 cable-path feet of the antenna. No further engineering is required. Antenna cable is 8' in length.
- The Nexus Hawk™ is mounted beyond 8 cable-path feet of the antenna. Include components noted in the document titled, *Nexus Hawk Vehicle Installation Guideline*.

### Choosing the best Customer-support Strategy

- Preferred Client Care program    201PCC
- Dealer supplied support



**Data-card to External Antenna Cable Assemblies**

Adapt cellular data card jacks to external antennas. One is required for each data card in use.

**Card: Order**

- **112C500P:** Pantech PX500, PC5750
- **112C595S:** Sierra 595
- **112C650K:** Kyocera KPC650
- **112C730M:** Novatel Merlin S720, S620, V620, U730
- **112CGTO:** Sierra 580, 3200, 3220, 5220, Option GT Max
- **112C875S:** Sierra AC875



**Hawk Mounting Kit**

Includes mounting plate, cover and assembly hardware. Made of steel.

Order #: 149S4



**Hawk Premium Mounting Kit**

Includes mounting plate, cover, external power switch, fused power distribution block and assembly hardware. Made of steel.

Order #: 149S2

**Gain Cellular & GPS Antenna**  
Thru-hole (3/4") mount. 8' coax leads, SMA ends.



Order #: 162B21S23

**Cellular, GPS, Wi-Fi Antenna**  
Unity-gain. Thru-hole (3/4") mount. 8' coax leads, SMA ends.



Order #: 162B31F19

**Active/Gain GPS Antenna**  
Magnetic mount, SMA end (for optional embedded GPS module).



Order #: 162M11F21

**Trunk Lip Mount Adapter**  
Direct mount, non intrusive for through hole antennas. (ground plane disc supplied)



Order #: 165TB5

**Cellular Power Amplifier**  
Bi-directional (TX & RX) dual-band (800/900 & 1800/1900 MHz) direct connect amplifier.



Order #: 111A201D

**14 Volt DC Power Supply**  
AC to DC power supply. 1-amp.



Order #: 151PAD41



### Nexus Hawk Model 2000

Embedded 10/100bT Ethernet LAN and 10/100bT Ethernet WAN, Two PCMCIA Slots, DB-9 Port for External GPS.

Order #: 012H



### Nexus Hawk Model 2000W

All of the features of the Model 2000, plus: 802.11 a/b/g (Wi-Fi) via RP-SMA connector (shown).

Order #: 012HW



### Nexus Hawk Model 2000G

All of the features of the Model 2000, plus: Global Positioning System (GPS) receiver via SMA(f) connector (shown). Slide switch (shown) selects between external GPS (via DB-9 on rear) and internal GPS receiver.

Order #: 012HG



### Nexus Hawk Model 2000WG

All of the features of the Model 2000W and the Model 2000G. Shown with Wi-Fi antenna (included with all W-models).

Order #: 012HWG



### Nexus Hawk Model 1000

Embedded 10/100bT Ethernet LAN and 10/100bT Ethernet WAN, Single PCMCIA Slot, DB-9 Port for External GPS.

Order #: 011H



### Nexus Hawk Model 1000W

All of the features of the Model 1000, plus: 802.11 a/b/g (Wi-Fi) via RP-SMA connector (shown).

Order #: 011HW



### Nexus Hawk Model 1000G

All of the features of the Model 1000, plus: Global Positioning System (GPS) receiver via SMA(f) connector (shown). Slide switch (shown) selects between external GPS (via DB-9 on rear) and internal GPS receiver.

Order #: 011HG



### Nexus Hawk Model 1000WG

All of the features of the Model 1000W and the Model 1000G. Shown with Wi-Fi antenna (included).

Order #: 011HWG