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### Feature Set Overview

- ⊙ DHCP
- ⊙ NAT w/SPI (up to 254 users)
- ⊙ DMZ
- ⊙ VPN Pass-thru & Endpoint
- ⊙ Port Forwarding
- ⊙ IP Loop-backing
- ⊙ Remote Management
- ⊙ NMEA GPS (Pull or Push)
- ⊙ Static Routing
- ⊙ Dynamic DNS Client Support
- ⊙ Setting Persistent Updates
- ⊙ and MORE!

The Nexus Hawk™ is an industrial-grade, field-deployable wireless network access gateway, designed for the Anytime, Anywhere environment. It is more than a cellular gateway or cellular router – though it can feed up to two such cellular carriers. With the included 10/100 Ethernet port and the optional 802.11 a/b/g Wi-Fi module, users are provided with up to four possible paths to a WAN connection, with link-based fail-over. Add the optional GPS and have a fully trackable solution!

### Ordering Information

<u>Product Code</u>	<u>Product Name</u>	<u>Product Description</u>
011HO	Nexus Hawk 1000	1-slot
011HW	Nexus Hawk 1000W	1-slot, Wi-Fi
011HG	Nexus Hawk 1000G	1-slot, GPS
012HWG	Nexus Hawk 1000WG	1-slot, Wi-Fi, GPS
012HO	Nexus Hawk 2000	2-slot
012HW	Nexus Hawk 2000W	2-slot, Wi-Fi
012HG	Nexus Hawk 2000G	2-slot, GPS
012HWG	Nexus Hawk 2000WG	2-slot, Wi-Fi, GPS

## Nexus Hawk™ Technical and Mechanical Specification Summary

	<u>Model 1000</u>	<u>Model 2000</u>	<u>Option: G(PS)</u>	<u>Option: W(i-Fi)</u>
Available PCMCIA Slots	One	Two	n/a	n/a
Case Dimensions (in.)	7 9/16 x 6 1/8 x 1 5/8	10 1/16 x 6 1/8 x 1 5/8	Add ½" to width <sup>1</sup>	Add ¾" to width <sup>2</sup>
Case Dimensions (cm)	19.2 x 15.6 x 4.1	25.6 x 15.6 x 4.1	Add 1.3 cm to width	Add 1.9 cm to width
Weight (lbs./kg)	0.95lb / 0.43kg	1.3lb / 0.59kg	Nil (<0.01lb)	Nil (<0.01lb)
Power Supply (Neg Gnd)	11.0 – 52.0 VDC	11.0 – 52.0 VDC	Embedded <sup>3</sup>	Embedded
Max. Supply Current <sup>4</sup>	900 mA	900 mA	Add 75 mA	Add 250 mA
Connectors/Jacks	Power: 2.1x5 mm	Power: 2.1x5 mm	RF: SMA(f)/DB9	RF: TNC(f)
Acoustic Signature	Nil	Nil	Nil	Nil
Operating Temperature	-15° F – +140° F -25° C – +60° C	-15° F – +140° F -25° C – +60° C	Embedded	Embedded
Operating Humidity <sup>5</sup>	5 – 95%	5 – 95%	5 – 95%	5 – 95%
Mounting	Keyhole	Keyhole	Embedded	Embedded
Approvals	US: FCC Part 15 B Canada: ICES-003	FCC Part 15 B Canada: ICES-003	Embedded	Embedded

<sup>1</sup> To accommodate TNC(F) panel-mount jack

<sup>2</sup> To accommodate SMA(F) panel-mount jack

<sup>3</sup> Supplies +3.3VDC to the antenna lead to support a powered external GPS antenna

<sup>4</sup> This does not count the current consumption of add-on PCMCIA cards.

<sup>5</sup> This assumes a non-condensing humidity environment