

CARLSON SUPERVISOR

Specifications

Size	5.56" (144 mm) x 9.5" (242 mm) x 1.57" (40 mm)
Weight	1.1 kg (2.42 lb)
Environment	
<i>Operating:</i>	-9.4 °F to 140 °F (-23 °C to 60 °C), MIL-STD-810G, Method 501.4 Procedure II, MIL-STD 810G, Method 502.4, Procedure I, II, III
<i>Storage:</i>	-40 °F to 158 °F (-40 °C to 70 °C) MIL-STD-810G, Method 501.4 Procedure II, MIL-STD 810G, Method 502.4, Procedure I, II, III
<i>Drop:</i>	MIL-STD-810G 4ft Drop, Free to Concrete. 26 drops from 4 ft (1.22 m) MIL-STD-810G, Method 516.5, Procedure IV
<i>Vibration:</i>	MIL-STD-810G, Method 514.5 Procedures I & II, General minimum integrity and the more rigorous loose cargo test
<i>Sand & Dust:</i>	IP65, MIL-STD-810G
<i>Water:</i>	IP65, MIL-STD-810G
<i>Humidity:</i>	MIL-STD-810G, Method 507.4, 90% RH temp cycle 0 °C/70 °C
<i>Altitude:</i>	15,000 ft (4572 m) at 73 °F (5 °C)
Processor/memory	Intel Ultra Low Power Atom Z530 1.6 GHz processor (w/ US15W Chipset), 2 GB DDR2 RAM
Data Storage/Disk	64 GB SSD solid state hard drive
Operating System	Microsoft Windows 7 Ultimate
Screen	7" widescreen 1024x600 resolution TFT LCD, MaxView™ sunlight readable resistive touchscreen display
Keyboard	10 keys: <ul style="list-style-type: none">• Power key• Menu key (Controls Brightness, Volume, Battery Status, WiFi & BT On/Off, and 3G On/Off)• 4+1 Navigation/directional keys (Left, Right, Up, Down, Center for Enter)• 3x user programmable hotkey buttons that control up to 6 functions• On-screen QWERTY soft keyboard
Battery	Hot-swappable Dual Li-Polymer Battery Pack, 2600 mAh each, support minimum 6 hours operation.
Connections	2 x USB 2.0 port (one fully waterproof, even when the latch is open) 1 x 9-pin serial RS-232 port (fully waterproof, even when the latch is open) 1x LAN 1 x DC power port Input: 120-240 VAC, 50-60 Hz, 12 VDC Output Docking Connector (Contact Pin Type) 1 x 4 pin docking Audio Out 1 x Microphone Audio Integrated (one speaker) Fully Gobi™ 2000 PCIe module-ready
Communication	Wireless LAN 802.11 a/b/g PAN: Integrated Bluetooth v.2.0 + EDR Compliant Integrated GPS Mediatek, WAAS/EGNOS capable WWAN (Optional) Gobi™ 2000 ready, supporting the following RF bands: <ul style="list-style-type: none">• HSDPA/UMTS 800/850/900/1900/2100 MHz• Quad-band EDGE/GPRS/GSM – 850/900/1800/1900 MHz• Dual-band EV-DO/CDMA – 800/1900 MHz
Camera	2 Megapixel Camera + LED light
Options	<ul style="list-style-type: none">• 12V vehicle charger• Pole mount solution• Vehicle cradle that includes:<ul style="list-style-type: none">*1 x DC PWR*2 x USB*2 x RS232*1 x 10/100LAN*VESA holes

