

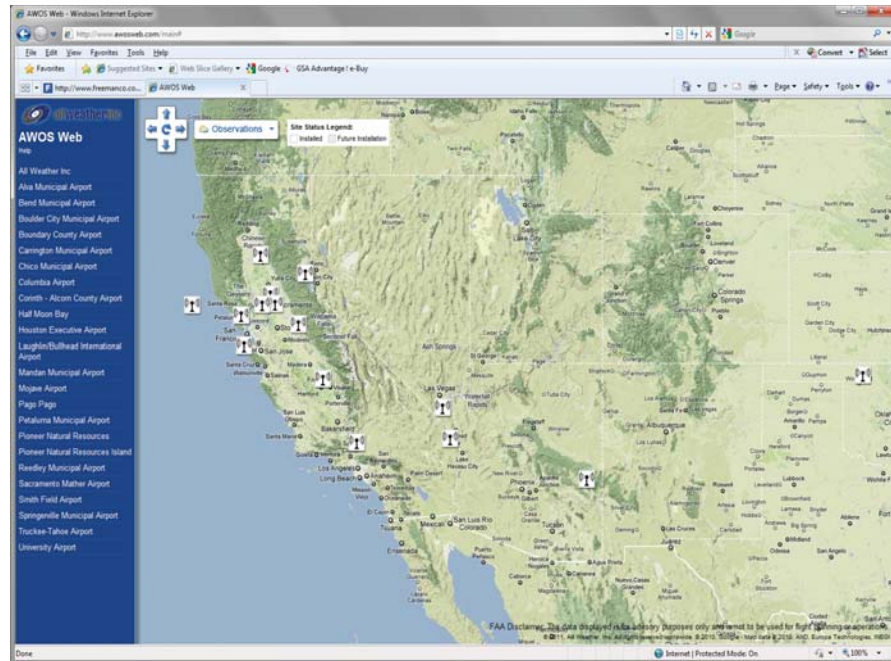


# NADIN

National Airspace Data Interchange Network

## OVERVIEW

The National Airspace Data Interchange Network (NADIN) is the means by which official aviation weather information is transmitted for AWOS systems around the U.S. to the FAA and NWS, and then to third party weather sources which include Flight Service, Air Traffic Control, WSI, Meteorologix, DUATS, the Weather Channel and other internet based weather sources. An AWOS generated METAR message is transmitted from the AWOS to NADIN. The



METAR message is a meteorological Aviation Report used typically for flight planning and input into ATIS systems, but can also be used for local weather reporting as well. AWI has its own secure data link to the NADIN and its own certified hardware solution.

## AWOS WEB

This web based product pulls together weather and system information from any AWI AWOS around the globe. The information is graphically displayed on a map of the area of interest. This powerful software product now allows users to quickly view any series of AWOS systems weather information for improved flight planning, and with a security logon, can view system and sensor status from each station, thus improving maintenance information and repair timing. For a sample, please view: [www.awosweb.com](http://www.awosweb.com).



DISPLAYS

# NADIN/AWOS NET SPECIFICATION

Parameter	Specification
Operating Temperature	32 to +122°F (0 to +50°C)
Storage Temperature	-40 to +140°F (-40 to +60°C)
Humidity	noncondensing
Supply Voltage (AWOS 900)	115 - 230 V AC
Supply Voltage (AWOS 3000)	8-30 V DC
Power Consumption	15-45 W
Processor	533 MHz VIA Eden
Memory	128MB SDRAM
Storage	<ul style="list-style-type: none"> <li>• 2.5" hard disk drive, 20GB IDE</li> <li>• 2 Compact Flash slots</li> <li>• DVD drive</li> </ul>
USB	2 ports, USV v.1.1 & HCI v1.1 compatible
Ethernet	10/100 Base-T with LNK and ACT LEDs
Serial Port	One RS-232
Parallel Port	EPP/ECP compliant
VGA Output	1024x768 resolution
Watchdog	15 second timeout System power cycle on timeout Timer resets with IDE activity LED
Other	<ul style="list-style-type: none"> <li>• PS2 keyboard and mouse connections</li> <li>• Real-time clock</li> <li>• Power Status and IDE LEDs</li> <li>• Power and Reset pushbuttons</li> </ul>
Enclosure	Powder-coated aluminum

## DIMENSIONS & WEIGHTS

Product Weight	5.35 lbs (2.43 kg)
Shipping Weight	11.21 lbs (5.1 kg)

# VPN SERVER SPECIFICATION

Parameter	Specification
Maximum Firewall Throughput	50 Mbps
Maximum IPsec VPN Throughput	48 Mbps
Maximum Antivirus Throughput	19 Mbps
Maximum Concurrent Sessions	25,000
Network Interface	10/100 Base-T
Operating Temperature	32 to +104°F (0 to +40°C)
Storage Temperature	-13 to +158°F (-25 to +70°C)
Humidity	5-95%, noncondensing
Supply Voltage	100-240 V AC, 50-60 Hz
Power Consumption	6 W
Dimensions	8.63" W x 5.8" D x 1.38" H (220 mm x 148 mm x 35 mm)
Weight	1.5 lb (0.68 kg)
Shipping Weight	2.5 lb (1.2 kg)
Compliance	FCC Class B, CE

## ORDERING INFORMATION

Part Number	Description
NADIN	AWI NADIN Equipment
NADINSVC	NADIN annual service
2210/2211	AWOS Net Server
M482179-00	17 in Flat Panel Monitor
M488308-00	AWOS VPN kit
M488293-00	RS-232 Kit
M488305-00	RS-485 Kit



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