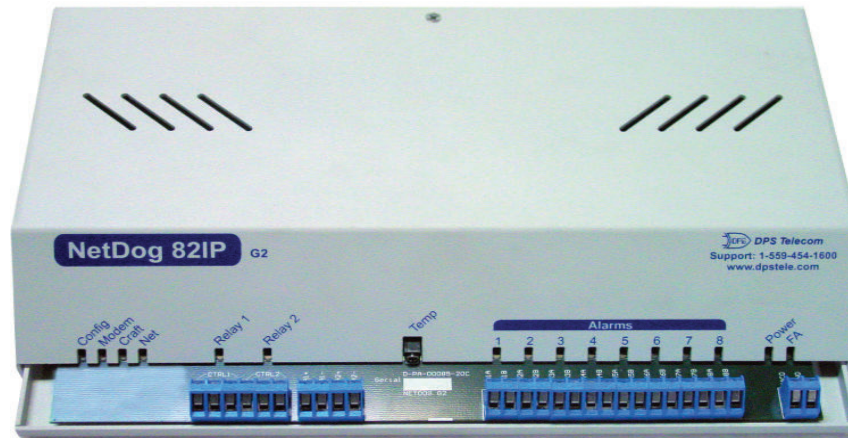


# NetDog 82IP G2



The NetDog 82IP G2 monitors alarms, pings network elements, interfaces with a device's serial port, and reports via SNMP or pager.

## Summary of Features

- **Cost-effective, small site, LAN-based monitoring**
- **Built-in Web Browser for config and monitoring**
- **24/7 pager and email alerts - No master needed**
- **Operates in standard LAN and PPP modes**
- **Reports to multiple SNMP managers and T/Mon NOC simultaneously**
- **Report alarms via LAN or dial-up**
- **Monitor ambient temperature with 2 temperature sensors (Internal and External)**
- **SNMP v1/v2c support and robust message delivery**
- **32 ping alarms, 8 discrete alarms, 2 controls**
- **Wall mountable**

## Overview

The powerful LAN-based NetDog 82IP G2 provides network managers with remote visibility of their IP network elements. With 32 ping alarms, 8 discrete alarms, 2 controls, as well as a reach-through serial port, this compact, versatile unit is the ideal network monitoring solution for small to medium sized sites. If an element fails to respond to successive pings, or if something is amiss with the environmental controls, the NetDog notifies personnel using a variety of methods with a complete status message. Notification types include SNMP Traps, alphanumeric pager, numeric pager, text message, email, and T/MonXM.

### What's New in the Net Dog-82IP G2

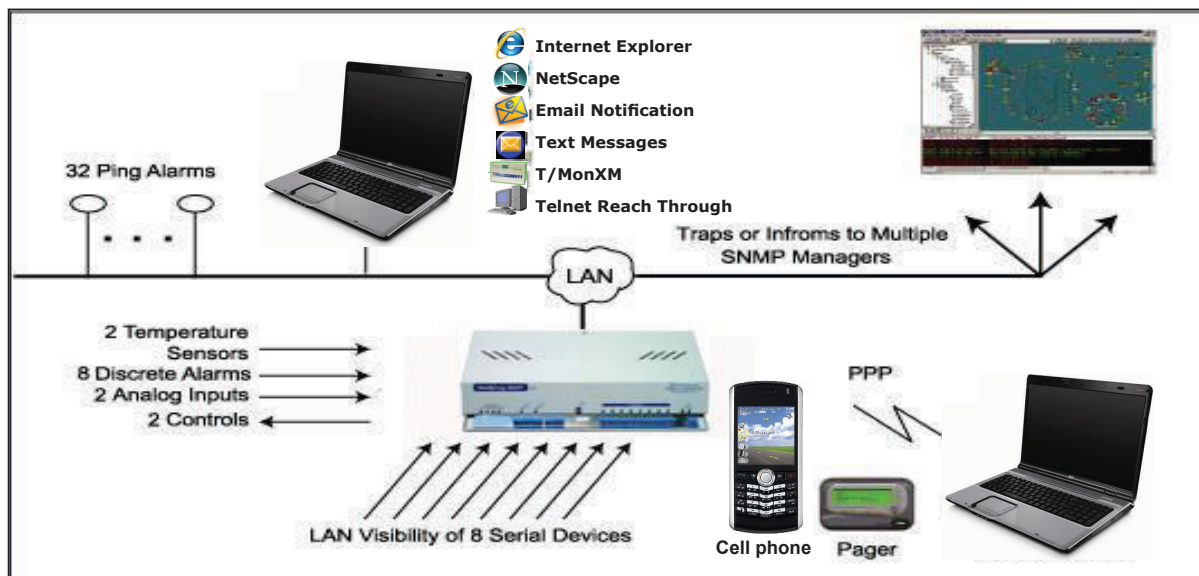
The NetDog-82IP Series adds these new features:

**2 Analog Channels-** The NetDog 82IP has 2 analog channels that can be utilized for monitoring humidity, raw voltage etc. *This is an optional hardware configuration and is not included for all units.*

**2 Temperature Sensors (Internal and External)-** The NetDog's internal and external temperature sensors monitor the ambient temperature. The external temperature sensor provides external temperature readings by plugging the sensor into the Temp port on the NetDog 82IP G2's front panel. *This is an optional hardware configuration and is not included for all units.*

**Alarm Point Grouping-** Each NetDog 82IP can be assigned to one of eight groups, which are identified with a user-defined label. Some of the ways you can use Alarm Point Grouping include alarm severity levels, custom virtual alarms, flexible custom derived controls, and granular pager and email notification.

**Alarm Sync-** The NetDog 82IP G2 also provides a new command to re-synchronize all alarms. This command clears all



The NetDog 82IP G2 monitors IP-aware devices' network presence as well as discrete alarm points and controls.

alarms, so that a new notification is sent for all standing alarms. You can easily test alarm connections during turn up without rebooting the NetDog 82IP unit.

**PPP Functionality** - If LAN fails at your remote sites, keep in touch with your remote equipment by using NetDog as a PPP (Point-to-Point Protocol) server via dial-up. This will allow you to connect via Telnet and perform diagnostics, troubleshooting, and other corrective procedures. The NetDog operates in both standard LAN and PPP modes.

#### Common Uses for the NetDog 82IP G2

- Great for small communication sites that might go unmonitored due to not having a budget for a large RTU
- Environmental and humidity monitoring
- Equipment alarms
- Beacon lights
- Intrusion alarms
- Perfect for anyone with a communications or data network, such as ISP's and independent Telco's.

## Ordering Options



**D-PK-NETDG-12003.00001**

-Net Dog 82 IP G2, -48VDC

**D-PK-NETDG-12004.00001**

-Net Dog 82 IP G2, w/Analog  
(-48 VDC)

**D-PR-991-10A-07**

-Optional External  
Temperature Sensor Probe

## Specifications

<b>Dimensions:</b>	10.52"W x 6.92"L x 1.75"H
<b>Mounting:</b>	Wall or rack
<b>Power Input:</b>	-48 VDC (-40 to -70 VDC) (Optional) -24 VDC (-18 to -36 VDC) (Optional) Wide Range -24/-48VDC (-18 to -72 VDC)
<b>Current draw:</b>	200mA
<b>Interfaces:</b>	1 DB9 RS232 port 1 RJ45 Ethernet 10BaseT port 1 RJ11 Telco jack 2.5mm stereo jack for optional external temperature sensor 24 screw-down connectors and blocks (28 with analogs option)
<b>Protocols:</b>	SNMPv1, SNMPv2c, DCPx, DCPf TRIP, SMTP, TAP
<b>Modem:</b>	33.6 K internal
<b>Alarm Point Inputs:</b>	8 discrete
<b>Control Outputs:</b>	Relay contacts, 2 each Form A Max. Voltage = 60 VDC/120 VAC Max. Current = 1 Amp, AC/DC
<b>Ping Targets:</b>	32
<b>Operating Temperature:</b>	0° to 60°C (32° to 140°F)
<b>Operating Humidity:</b>	0% to 95% non-condensing
<b>Fuse:</b>	1/2 amp GMT for power inputs

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