

COM3000 SNMP

Overview

The COM3000 is a rugged I/O appliance designed to simplify the capture and integration of security and alarm events into SNMP managed networks.



As one of the most popular network management tools, SNMP allows network professionals to manage network devices such as workstations, servers, routers, switches, and wireless access points. Because of its extensive support, SNMP use has expanded into many other areas, including network security and environmental monitoring, access control and site security, energy management power outage notification. The COM3000 was designed to meet the demands of these, and many more such applications. Its unique blend of IP networking, Digital, and Analog I/O, serial device servers and access control interfaces, provide a compelling and cost-effective solution for most any SNMP based application.

The Ultimate in Flexibility

The COM3000 provides you with message flexibility like no other SNMP appliance. Along with support for both NMS polling and Traps, the COM3000 also supports both Variable Bindings and customizable ASCII Display Strings. In addition, the COM3000 allows each individual system event and input alarm to have its own configurable event name, alarm type, alarm category, alarm severity, alarm number, trap type, and message text. It also provides the ability to design unique Trap Message Formats, providing total control of the selection and order of the alarm values. The combination of all these features makes the COM3000 a truly application-agnostic event monitor, capable of being used in any number of monitoring applications within both new and existing SNMP managed environments.

Why Choose the COM3000?

- Rugged Industrial-grade hardware
- Powder-coated steel enclosure
- Cabinet or wall mounting design
- Large size removable terminal blocks
- (20) Discrete, analog, and control I/O
- (2) Wiegand access control ports
- (2) External device server ports
- Customizable message options
- Support for multiple SNMP managers
- Support for local and remote configuration via serial, LAN/WAN network, or dialup
- Free configuration and update utilities
- Free firmware updates
- Free SNMP MIB updates

Customized event names and values

Ethernet

Dialup

Customized trap message formats

Serial Device Servers

Variable Bindings

Local or NMS Configurable

ASCII Display Strings



Remote Updates

Specifications:

Configuration

Terminal / Telnet Interface
AT Commands
MS Windows® Utility
SNMP NMS

Inputs

(12) Digital Inputs
(4) Analog Inputs
(2) Relay Control Outputs
(2) Wiegand 26-Bit
Access Control Inputs

Protocols

Ethernet, IP, UDP, TCP, NTP,
PPP, DNS, ICMP, SNMPv1

3G Cellular Support

SMS, GSM, GPRS, EDGE,
CDMA, 1x, EvDO

Network Interfaces

RJ45 10BaseT Ethernet
PPP over RS232 DTE

Serial Interfaces

(1) RS232 DB9F DCE
(1) RS232 DB9M DTE
(1) RS485 Terminal Block

Digital Inputs

(12) Opto Isolated inputs
5VDC sourcing
Internal 1KOhm resistor

Analog Inputs

4-20mA or 0-30VDC
Jumper Selected

Resolution: 12-bit

Accuracy:

± 0.03 % of FS @ 25°C
± 0.15 % of FS @ -40 - +85°C

Relay Outputs

10 Amp @ 120 VAC
8 Amp @ 30 VDC

Real-Time Clock

Yes; Synched via NTP

Physical Dimensions

(H x W x D)
1.4" x 7.25" x 6.5"

Environmental

Operating Temp
-40° to +70° C

Humidity

5-95% Non-condensing

LEDs

Power, Serial TX/RX, PPP,
RJ45 Link/Activity/Collision

Power Requirements

9-30VDC

Typical Use:

300mA @ 12VDC



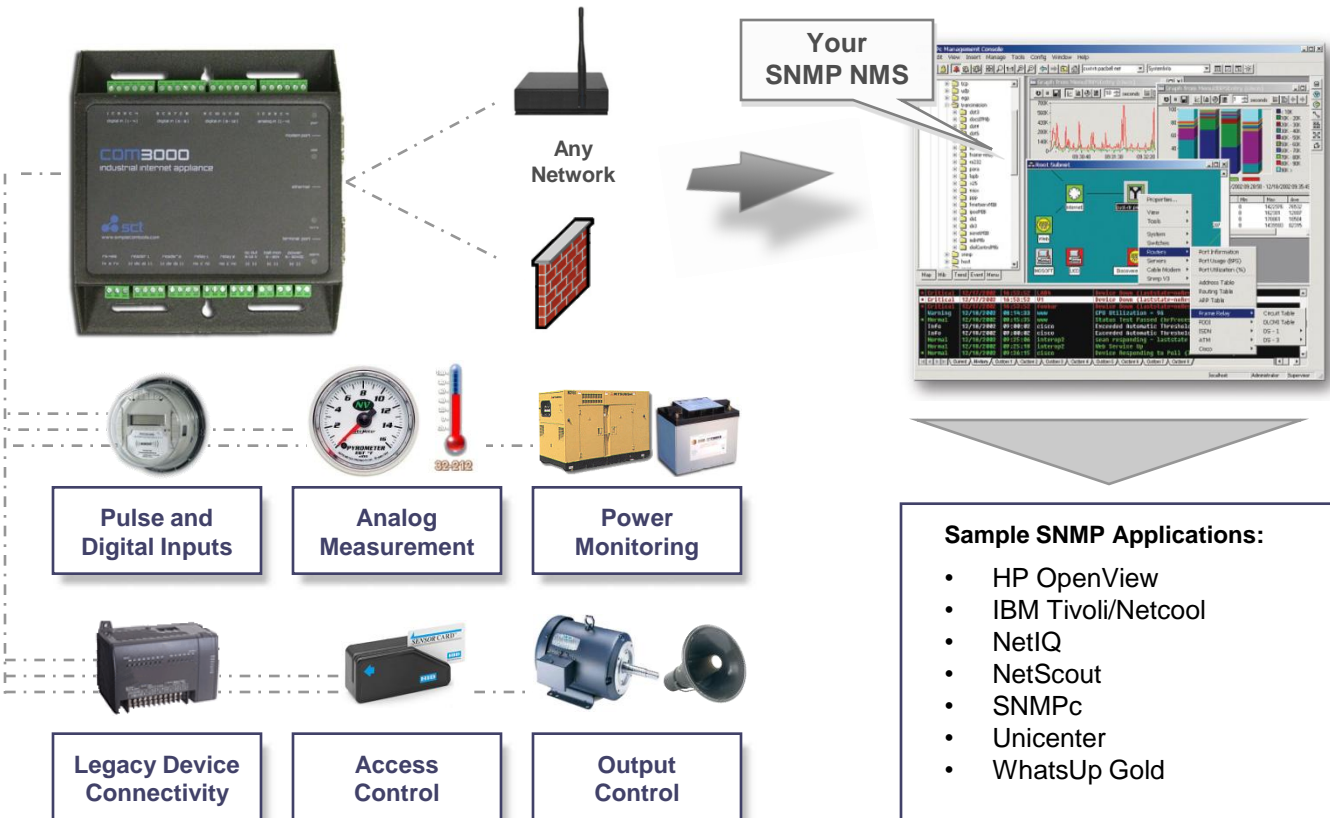
Machine-To-Machine – Simplified

Remote Monitoring and Network Management Applications

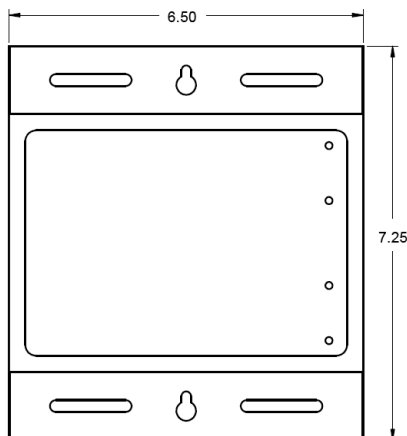
Broad Application Potential

With the ability to provide customizable SNMP message events and legacy device connectivity over any IP network, the COM3000 is a perfect fit for a variety of remote monitoring applications, including:

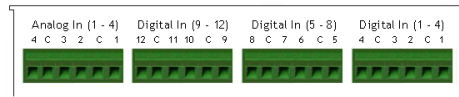
- Agriculture
- Construction
- Emergency Response
- Energy Management Systems
- Environmental Monitoring
- Homeland Security/Public Safety
- Hotel and Hospitality
- Intelligent Transportation
- IT & Network Monitoring
- Medical Systems
- Remote Power Generation
- Renewable Energy
- Restaurant and Food Supply
- Retail Applications
- Security & Access Control
- Telecommunications
- Tower & Lighting Systems
- Water and Wastewater
- Utility Services
- Vehicle/Telematics Monitoring
- Wireless Network Operations



COM3000 Dimensions



Top Input Interface



Bottom Input Interface

