

PRODUCT SHEET & SPECIFICATIONS

n.FORM i.LON 600

MODEL G601



FUNCTION

The i.LON 600 Server transforms the Internet – or any 10 or 100 BaseT IP-based LAN or WAN – into a pathway for carrying LONWORKS control information locally or remotely. Secure access is ensured by the use of MD5 authentication.

The i.LON 600 allows OPs on different floors of a building, scattered across different manufacturing pods, or located in retail branches around the world to be seamlessly and transparently linked together.

Up to 256 i.LON 600 servers may be used on the same channel, and multiple servers can operate behind a Network Address Translation (NAT) firewall.

FEATURES AND CAPABILITIES

- + Transforms the Internet (or any IP-based LAN or WAN) into a pathway for carrying LONWORKS control information locally, nationally, or around the world
- + Provides highest performance Layer 3 routing of LONWORKS control packets
- + Supports LONWORKS/IP channels up to 256 devices
- + Supports multiple units behind NAT firewalls
- + EIA-852 & ANSI/EIA 709.1 compliant
- + Security features include MD5 authentication for secure access
- + 8T DIN packaging
- + 24V AC or DC or 90V-240V AC or DC power input
- + CE Mark, U.L. Listed, cU.L. Listed, TÜV Certified

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MODEL G601

DIMENSIONS

+ 8.9cm x 13.8cm, x 6.6cm HxWxD
(3.51" x 5.47" x 2.60" HxWxD)

HUMIDITY (NON-CONDENSING)

+ Operating: 10% to 90% RH @ 50°C
+ Non-Operating: 90% RH max @ 50°C

TEMPERATURE

+ Operating: 0° to +50° C
+ Non-Operating: -40° to +85° C

ENCLOSURE

↳ 8TE DIN

NEURON CHIP SERVICE PIN FUNCTION

+ Service pin message controlled by console application or hardware service switch

MINIMUM PC REQUIREMENTS FOR CONFIGURATION SERVER SOFTWARE

+ Pentium II @ 600 MHz, 128KB RAM, 10MB free disk space

PROCESSOR

+ AMD Au1000 32-bit RISC

ETHERNET PORT

+10/100 BaseT, auto-selecting, auto polarity

ETHERNET CONNECTOR

↳ RJ-45

POWER

+ Operating Input Voltage 100-240 VAC, 50/60 Hz
+ Power Consumption < 15 watts

INDICATORS

+ Power On, Ethernet Link, Activity, 10/100
+ Mbps, LONWORKS Tx/Rx, Connect

CONSOLE INTERFACE

+ EIA-232, 9600 baud (8 data bits, no parity, 1 stop bit)

CONSOLE CONNECTOR

+ DB-9

OPERATING INPUT VOLTAGE

+ 24V AC or DC, ±33%, <15 Watts
+ 90V - 240V AC or DC, 50-60 Hz

POWER CONNECTORS

+ Screw Terminals

AGENCY LISTINGS

+ UL 60950, cUL C22.2 No. 60950-00, TUV EN60950, CE, C-Tick

EMC

+ CC Part 15 Class B, EN55022 Class B, EN55024, CISPR 22 Class B, VCCI Class B