



NGP-1100

The NGP platform offers an Input Control Module (ICM) module for access control or access-intrusion hybrid solutions. The Input Control Module (ICM) provides the system with acknowledgment of critical alarm points in monitored areas. The ICM communicates directly with the Intelligent System Controller (ISC) through SNAPP protocol (RS-485 based) communication. The ICM has 16 configurable input control points and 2 transistor outputs. It supports normally open, normally closed, supervised and non-supervised circuits (4-State Detection).

The input circuits are scanned using an analog-to-digital converter. The digitized input status signal is software-monitored and controlled, so that each input point can be programmed as a supervised or non-supervised alarm point.

The transistor outputs can also be configured for fail-safe or fail-secure operation. Each output supports the “On,” “Off,” and “Pulse” Lenel OnGuard software commands.

Features & Functionality

- Grade B, A, and AA line supervision
- 12 VDC input power
- 16 Programmable supervised or non-supervised contacts
- 2 Transistor-based outputs
- Dedicated front and rear tamper
- Status LED for host communication and heartbeat
- Status LED indicators for outputs
- Variable EOL resistor values for line supervision

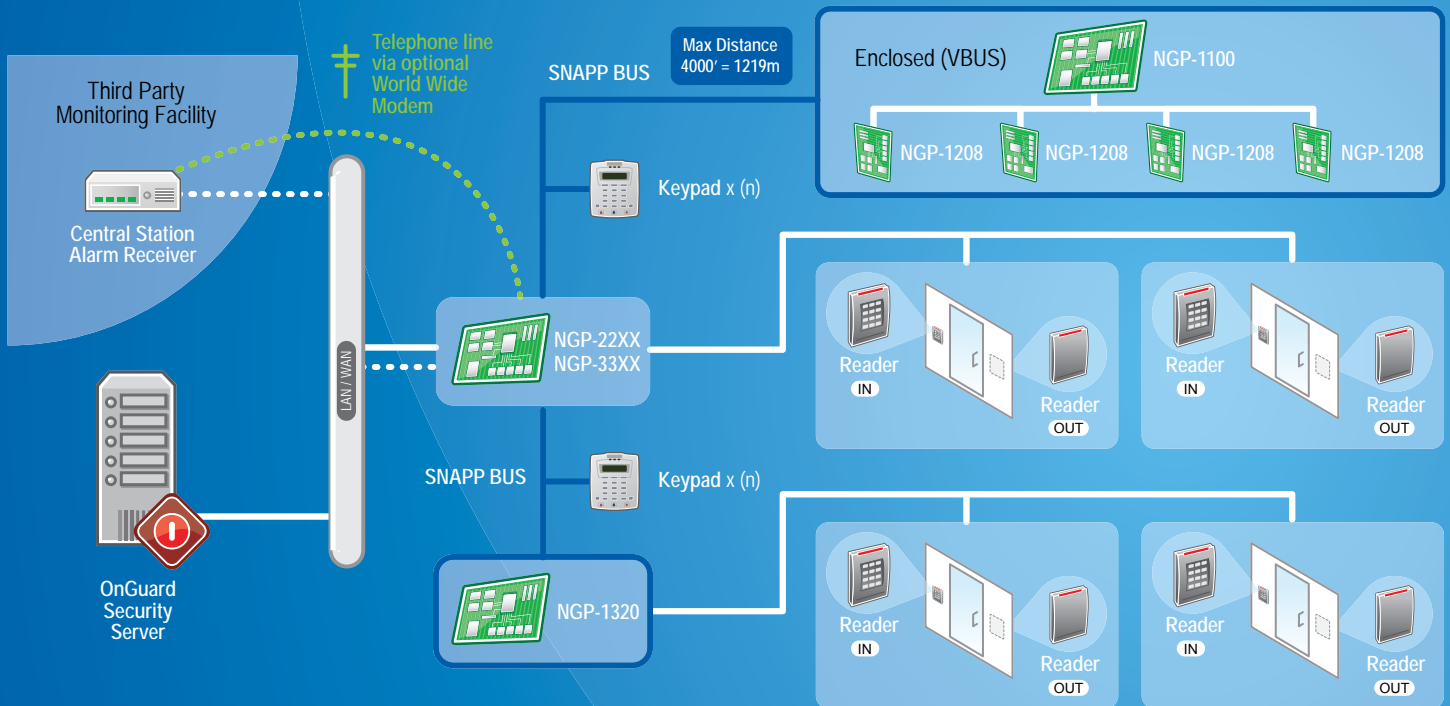


NGP-1208

The NGP platform offers an Output Control Module (OCM) module for access control or access-intrusion hybrid solutions. The Output Control Module (OCM) communicates via VBUS communications (a short range RS-485 protocol) directly with the NGP-1100 Input Control Module to form a composite alarm panel. Each OCM is an individually-addressed device, and up to 4 NGP-1208 can be connected to a single NGP-1100. The OCM has 8 programmable output relays that can be configured for fail-safe or fail-secure operation. Each relay supports the “On,” “Off,” and “Pulse” Lenel OnGuard software commands.

Features & Functionality

- 8 Form-C 1A, 12 VDC relay outputs
- 12 VDC input power (supplied through the VBUS)
- Up to 4 OCMs per Input Control Module
- DIP switch-selectable addressing (1-4)
- Status LEDs for communication to the ICM, heartbeat and relay status



NGP-1100 Available Configurations

NGP-1100	(1) NGP-1100 board only, 16 Input Module, 12 VDC, RoHS, CE, UL294 certified
NGP-1100-UMP	(1) NGP-1100 on universal mounting plate for standard CTX or CTX6 Enclosures
NGP-1108K-UMP	(1) NGP-1100, (1) NGP-1208 on universal mounting plate for standard CTX or CTX6 Enclosures, 16 Inputs with 8 Outputs

NGP-1208 Available Configurations

NGP-1208	(1) NGP-1208 board only, 8 Output Module, must connect to a NGP-1100 module, RoHS, CE, UL294 certified
NGP-1216K	(2) NGP-1208 Output Control Modules - 12 VDC, total 16 output relays, RoHS, CE, UL294 certified
NGP-1216K-UMP	(2) NGP-1208 Output Control Modules on universal mounting plate for standard CTX or CTX6 Enclosures

NGP-1100 Specifications

Primary Power (DC or AC)	* The NGP-1100 is for use in low voltage, class 2 circuits only. These specifications are subject to change without notice.
Ratings	Input: 12 VDC, 100mA Output: 12 VDC, 2x10mA
Inputs	Sixteen (16) inputs, standard EOL: 1k ohm in series, 1k ohm in parallel
Outputs	Two (2) relay outputs
Communication	SNAPP, VBUS
Cable requirements	24 AWG, stranded (inputs) SNAPP bus: four conductors (shielded) VBUS: three conductors (shielded) Input wiring: two conductors Power input: two conductors
Mechanical	Dimensions: 5.75 x 2.875 x 0.6 in. (146 x 73 x 15 mm)
Environmental	Temperature: -10 to +55° C (14 to 131° F) Humidity: 5 to 95% RHNC
Certifications	FCC Part 15 CE marking

NGP-1208 Specifications

Primary Power (DC or AC)	* The NGP-1208 is for use in low voltage, class 2 circuits only. These specifications are subject to change without notice.
Power ratings	Input: 12 VDC, 155 mA
Outputs	1 relay = 1 A resistive, 0.1 A inductive
Communication	to NGP-1100 via VBUS VBUS: three conductors (shielded) Power input: two conductors
Cable requirements	24 AWG, stranded (Outputs)
Mechanical	Dimensions: 5.75 x 2.125 x 0.6 in. (146 x 54 x 15 mm)
Environmental	Temperature: -10 to +55° C (14 to 131° F) Humidity: 5 to 95% RHNC
Certifications	FCC part 15 CE marking RoHS compliant