XPIP CONTROL PANEL *TCP/IP Connectivity with Exceptional Features*

The XPIP Access Control Panel (ACP) can control up to two doors or gates and offers advanced features not available on panels costing twice as much. It can be used as a stand-alone panel or as a network panel on a new or existing LAN/WAN computer network; or, it can be connected over a RS232/RS485 network. Provides distributed processing capability with a powerful processor so all decisions are made at the panel level even when communication to the PC is lost or not permanent. The high memory capacity of the panel can support more than 20,000 users; can hold a 1,000 transaction buffer; handle over 1,000 schedules arranged in 254 time zones and multiple access levels. The panel offers a flexible arrangement of input/output capabilities with 6 supervised inputs (4 general purpose and 2 for lock power supervision), up to 10 outputs (4 relays) and up to 3 serial ports in the main board plus up to 3 expansion boards each one containing 20 relays and 8 inputs. The panel with particular arrangement can also provide elevator control for 16 to 64 floors elevator cabs. The unique mounting plate of the XPIP panel allows multiple options easy to work with conventional housings or structured wiring enclosures plus providing a useful marking of all field wiring. Also the multiple presentations including mounting assembly without cabinet, standard cabinet, self-contained plastic enclosure, 6 or 12 inputs, keypad and LCD options will fit the particular need of each project The XPIP panel works with the AMWATCH.NET, AMGUARD.NET, AMPSS.NET and AMPARK.NET to offer a full range of features normally associated only with larger and more expensive systems.,

FEATURE LIST:

- Two Doors or Gates: Capacity for total control of two different doors or gates
- Wiegand or RS232 Ports: Two Ports compatible with all kind of Identification Devices
- TCP/IP or RS485 Communications: One LAN/ WAN Ethernet Port and One Serial RS232/ RS485 Port for flexible network connectivity
- Inputs - Supervision: Checks for shorts and opens in the circuit of 6 programmable inputs. option of Expansion Board for extra inputs
- Outputs - Lock Power Check: Two supervised Outputs control the power to the lock plus 2 programmable relay outputs and 6 Transistor Outputs.
- High Memory Capacity: Up to 20,000 User Memory, up to 3000 Transaction Buffer Memory
- Remote Download Capability: Flash Memory allows firmware updates in the field
- Dual Battery Backup: Built-in Lithum Battery Backup & External Battery Charger
- Structured Wiring Mount: Mounting Plate ready for standard or structured wiring enclosures.

TECHNICAL SPECIFICATIONS:

Micro-processor	:	8 bits, 22.1 MHz, Real Time Clock (RTC) with Battery Back-up
Memory	:	Battery backup SRAM - 512kb
		Flash Memory - 512kb
		Serial Flash - 1MB
Compatible Id Technology	:	Proximity, RFID, Mifare, Biometric, Magnetic-stripe, Barcode, Wiegand and Others. Selectable Wiegand Protocol 26 and 30 bits. Configurable to Read 5 or 8 Digits.
Inputs	:	4 Supervised Inputs for General Purpose
		2 Inputs for Lock Power Supervision (One Per Door)
		Optional 6 Opto-isolated Inputs in Main PCB
Outputs	:	2 General Purpose Relay Output, Form C
		2 SPDT, 3A @250VAC. Lock Power Supervised Relay Output, Form C, SPDT, 3A @250VAC.
		4 Transistor Programmable Outputs, 30 mA@12VDC.
		Output Control of Reader Buzzer and LED
Expansion I/O BUS	:	3 Add-on Expansion Boards each includes 20 Outputs and 8 Inputs.
Power	:	Internal DC Power Supply PCB, 1A@12 VDC
		7 Ah Charger at 13.5VDC for External Battery
		Included External AC Transformer 16 VAC, 40 Ah
		External AC/DC Power Supply 1A@12VDC
		Current Consumption of the Panel
		Auxiliary Power
		Auxiliary Current Capacity (For Readers and Detectors)
		AC Power Loss Detection
Operating Temperature	:	0°C to 55°C
Humidity RH Non-condensing	:	10 to 90%
Dimensions	:	Panel Dimensions - 15"x11"x4"
		Dimensions with Packing Box - 16"x12"x4.5"
		Gross Weight with Packing Box - 2.0 lbs

ORDERING INFO:

Part Number	:	120-XIP-2PA00
Product Name	:	XPIP Control Panel - Basic
Product Name	:	XPIP Control Panel: XPIP Main Board on Mounting Plate and Power Supply ready for mounting in Structured Cabling System or Regular Enclosure.
Part Number	:	120-XIP-2STA0
Product Name	:	XPIP Control Panel - Standard
Product Name	:	XPIP Control Panel: XPIP Access Control Panel with 2 Reader Ports in an Enclosure with Transformer, Power Supply and Battery Charger
Part Number	:	400-XIP-2PA00
Product Name	:	XPIP KIT - 4 Pack of XPIP
Product Name	:	XPIP 4 Pack KIT: XPIP Main Board on mounting plate and Power Supply ready for mounting in Structured Cabling System or Regular Enclosure. No Transformer. Pack of 4 Only