

HID ProWire® Pre-Wired Power System

Precision factory wired for system power, lock control, RS-485 communication, power system faults, and tamper switch. HID VERTX ProWire solutions are ready-to-install, simplifying and standardizing access installations across the enterprise.

[HID Overview](#) / [Wiring Guide](#) / [ProWire Family Guide](#)



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[tab title="Products"]
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Four Door Wired Enclosure

Outputs

Wire Mgn

System & Lock Power | 2A/12V and 2A/24V | 75 Watts

Standard

[FPO75-B100C4D8E2V](#) / 20H x 16W x 4.5D

Networked

[FPO75-B100M8NL4E2V](#) / 20H x 16W x 4.5D

Standard

[FPO75-B100C4D8E4V](#) / 24H x 20W x 6.5D

Networked

[FPO75-B100M8NL4E4V](#) / 24H x 20W x 6.5D

System Power | 6A/12V or 3A/24V | 75 Watts

Standard

[FPO75-C4D8E2V](#) / 20H x 16W x 4.5D

4 lock

Networked

[FPO75-M8NL4E2V](#) / 20H x 16W x 4.5D

8 mana

Standard

[FPO75-C4D8E4V](#) / 24H x 20W x 6.5D

4 lock

Networked

[FPO75-M8NL4E4V](#) / 24H x 20W x 6.5D

8 mana

Eight Door Wired

System & Lock Power | 4A/12V and 4A/24V | 150 Watts

Standard [FPO150-B100C82D8E4V1](#) / 24H x 20W x 6.5D

8

Networked [FPO150-B1002D8M8NL4E4V1](#) / 24H x 20W x 6.5D

Standard [FPO150-B100C82D8E6V](#) / 30H x 23W x 6.5D

8

Networked [FPO150-B1002D8M8NL4E6V](#) / 30H x 23W x 6.5D

8

System Power | 12A/12V or 6A/24V | 150 Watts

Standard [FPO150-C82D8E4V](#) / 24H x 20W x 6.5D 8 aux /

Networked [FPO150-2D8M8NL4E4V](#) / 24H x 20W x 6.5D

8 aux

Standard [FPO150-C82D8E6V](#) / 30H x 23W x 6.5D 8 aux /

Networked [FPO150-2D8M8NL4E6V](#) / 30H x 23W x 6.5D

8 aux

Sixteen Door Wired

System & Lock Power | 12A/12V and 10A/24V | 400 Watts

Standard [FPO150/250-2C83D8E6V1](#) / 30H x 23W x 6.5D

16

Networked [FPO150/250-3D82M8NL4E6V1](#) / 30H x 23W x 6.

Standard [FPO150/250-2C83D8E8V](#) / 36H x 30W x 6.5D

16

Networked [FPO150/250-3D82M8NL4E8V](#) / 36H x 30W x 6.5

16

System Power | 20A/12V or 10A/24V | 250 Watts

Standard [FPO250-2C83D8PE4V1](#) / 24H x 20W x 6.5D

16 au

Networked [FPO250-3D82M8NL4E4V1](#) / 24H x 20W x 6.5D

16 a

Standard [FPO250-2C83D8E6V1](#) / 30H x 23W x 6.5D 16 au

Networked [FPO250-3D82M8NL4E6V1](#) / 30H x 23W x 6.5D
16 a

Standard [FPO250-2C83D8E8V](#) / 36H x 30W x 6.5D 16 aux

Networked [FPO250-3D82M8NL4E8V](#) / 36H x 30W x 6.5D
16 au

Wire Management: T = Tie Wrap P = Panduit style wire duct
See family data sheet for HID wiring combinations

Standardized wiring eliminates the complexity, variability and time involved with field assembly and enables security installation companies to maintain a consistent quality standard across all access installations.

Unified Wired model numbers are pre-wired to Authentic HID Security terminal connectors for: System power, Lock power, RS-485 communication, Fault connections and tamper switch

Mercury wiring combinations: V1000/V100, ALL/V100

ProWire systems are 100% factory tested and dressed with tie wrap or Panduit style wire duct cable management.

Features

- Four, eight and sixteen door configurations, single and dual voltage
- Standard and networked options
- Twisted pair color coded cable harnesses
- Tie wrap cable management with wire duct option on larger enclosures
- 120VAC or 230VAC options available (see datasheet for 230VAC ordering)

[/tab] [tab title="Overview"]

PRODUCT HIGHLIGHTS

LSP ProWire systems achieve the highest level of integration for access power by delivering

a pre-configured, pre-wired UL certified system.

Features

- Removable back plate simplifies job installation
- LSP power modules pre-wired
- Access controller terminal connections pre-wired
- Access panels mount on supplied threaded standoffs

Mechanical refinements

- Large enclosure depths to accommodate batteries
- 19 Gauge steel with textured black finish
- Board mounting hardware provided
- Lock and tamper switch standard

Reliability and Safety

- Lifetime Warranty
- RoHS Compliant

Agency Listings

- UL 294, ULC S318
- CE

[Product Warranty](#)

[/tab] [tab title="Technical Documents"]

HID ProWire Systems

Models

Datasheet

Install Manual

CAD Files

Four Door	DS	IM	CAD	AG
Eight Door	DS	IM	CAD	AG
Sixteen Door	DS	IM	CAD	AG
Enclosures				
E2V	DS	IM	CAD	AG
E4V	DS	IM	CAD	AG
E4V1	DS	IM	CAD	AG
E6V	DS	IM	CAD	AG
E6V1	DS	IM	CAD	AG
E8V	DS	IM	CAD	AG

[/tab] [tab title="Support"]

Troubleshooting Guide [Factory Contact](#) [Business Contact](#)

[FPO Troubleshooting](#) [Email Customer Service](#) [Accounting Office](#)

[Accessory Troubleshooting](#) [Email Technical Department](#)
[Area Sales Representatives](#)

[/tab] [tab title="Tools & Software"] **Tools & Software**

Excel spreadsheets designed by the LifeSafety Power technical department to aid the installer in required calculations and example configurations of LifeSafety Power equipment when used in commonly found system applications.

Calculators / Software

[B100 Power Calculator](#)

[PowerCom-USB Download](#)

[Ohms Law Calculator](#)

[Battery Size Calculator](#)

[Battery Capacity Calculator](#)

[Wire Size Calculator](#)

[Voltage Drop Calculator](#)

[FlexCalculator Suite](#)