ACCESS & POWER INTEGRATION

STREAMLINE DESIGN & DEPLOYMENT

Altronix

TROVE™

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TR□VE

Easily combine Altronix power and accessories with access controllers from the industry's leading manufacturers - Reducing installation and labor costs!

- Trove streamlines access control design and deployment, increasing profits and ROI.

- Removable backplanes allow you to configure and test prior to on-site installation.

- Trove enclosures are available in different sizes and configurations to meet your project scope – including wall mount, rack mount and outdoor models.

- **Pre-configured kits are available with power distribution, finger duct and wire assemblies.**

- Combine both access and intrusion modules for various brands - all in one enclosure, for added value!

- Optional LINQ™ Networked Power Management Technology allows you remotely monitor, control and report power/diagnostics, streamlining service and maintenance operations by leveraging the network.

- Altronix products are TAA & NDAA compliant

- Our free online Trove System Design tool simplifies the design and product selection process: www.altronix.com/system_design_tools/trove

TROVE1

- Knockouts accommodate up to 1.5" conduit
- Accommodates two (2) 12VDC/7AH batteries
Dimensions: 18" H x 14.5" W x 4.625" D

TROVE2

- Knockouts accommodate up to 2.0" conduit
- Accommodates four (4) 12VDC/12AH batteries
Dimensions: 27.25" H x 21.75" W x 6.5" D

TROVE RACK MOUNT

- 2U, 24" or 36" deep rack drawer on extendable rails
- Integrated Z bracket on rear facilitates wiring
Trove1R Dimensions: 3.375" H x 19" W x 24" D
Trove2R Dimensions: 3.375" H x 19" W x 36" D

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Access and Power Integration

ZKTeco

Altronix Model	Power Supply/Charger(s)	Description/Sub-Assemblies	System Capacity	Compatible ZKTeco Models
Trove 1 Series Pre-assembled Kits				
T1ZK3F4	eFlow6NB	ACM4, PDS8, VR6	4-Doors	Atlas 460
T1ZK3F4D	N/A	ACM4CB, PDS8CB, VR6		
Trove 2 Series Pre-assembled Kits				
T2ZK7F8	eFlow104NB	ACM8, VR6, PDS8	8-Doors	2-C3-400 Pro, 2-InBio-460 Pro, or 2 - Atlas 460
T2ZK7F8D		ACM8CB, VR6, PDS8CB		
T2PXK7F16	eFlow104NB	2-ACM8, VR6, PDS8	16-Doors	4-C3-400 Pro, 4-InBio-460 Pro
T2PXK7F16D		2-ACM8CB, VR6, PDS8CB		
220VAC units available upon request, add suffix "V" (T2PXK7F8V)				

T1ZK3F4
4-Door Access System with Power
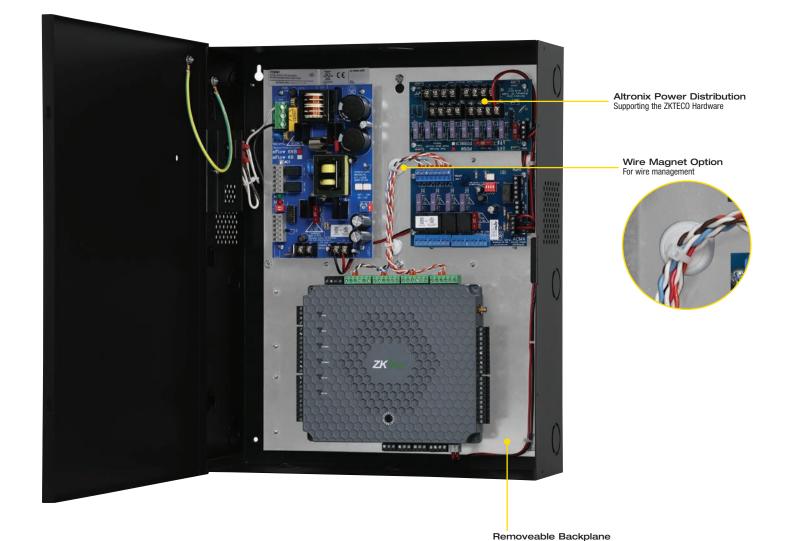
T2ZK7F16
16-Door Access System with Power

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Pre-wired Access and Power Integration Kits

Altronix Model	Description	System Capacity	Compatible ZKTeco Models
Trove1 Series - Includes Power Distribution, Wire Assemblies for Controllers and Wire Magnets for Management			
Fuse Protected Models			
T1Z3CK1	Trove1DR1 with eFlow6NTB, ACM4, VR6, PDS8, RSB1	4-Doors	1- Atlas 460
PTC Protected Models			
T1Z3CK1D	Trove1DR1 with eFlow6NTB, ACM4CB, VR6, PDS8, RSB1	4-Doors	1- Atlas 460
Trove2 Series - Includes Power Distribution, Wire Assemblies for Controllers and Wire Magnets for Management			
Fuse Protected Models			
T2Z7CK1	Trove2DR2 with eFlow104NTB, ACMS8, VR6, PDS8, RSB1	8-Doors	2 - Atlas 460
PTC Protected Models			
T2Z7CK1D	Trove2DR2 with eFlow104NTB, ACMS8CB, VR6, PDS8CB, RSB1	8-Doors	2 - Atlas 460
220VAC units available upon request, add suffix "V" (T1Z3CK1V)			

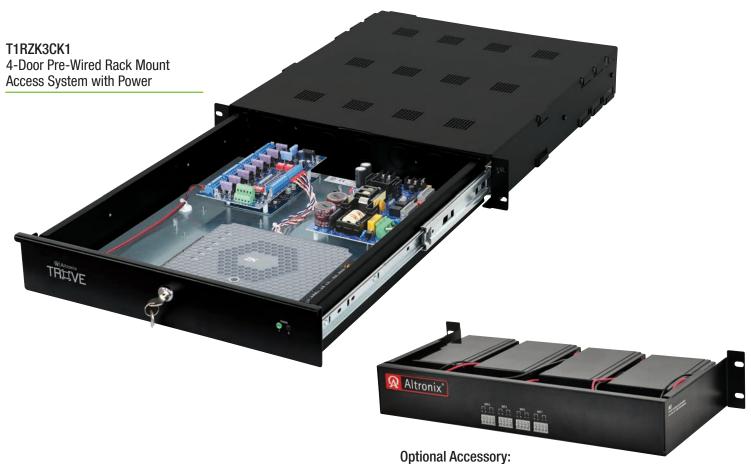**Altronix Power Distribution**
Supporting the ZKTECO Hardware

Wire Magnet Option
For wire management

Removeable Backplane
For ease of deployment

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Pre-wired Access and Power Integration Rack Kits

Altronix Model	Description	System Capacity	Compatible ZKTeco Models
Trove1R Series - Includes Power Distribution, Wire Assemblies for Controllers and Wire Magnets for Management			
Fuse Protected Models			
T1RZ3CK1	Trove1AL1R with eFlow6NB, ACMS8, VR6	4-Doors	1- Atlas 460
PTC Protected Models			
T1RZ3CK1D	Trove1AL1R with eFlow6NB, ACMS8CB, VR6	4-Doors	1- Atlas 460
Trove2R Series - Includes Power Distribution, Wire Assemblies for Controllers and Wire Magnets for Management			
Fuse Protected Models			
T2RZ7CK1	Trove2MR2 with eFlow104NB, ACMS8, VR6, PDS8	8-Doors	2- Atlas 460
PTC Protected Models			
T2RZ7CK1D	Trove2MR2 with eFlow104NB, ACMS8CB, VR6, PDS8CB	8-Doors	2- Atlas 460
220VAC units available upon request, add suffix "V" (T1RZ3CK1V)			

T1RZK3CK1
4-Door Pre-Wired Rack Mount
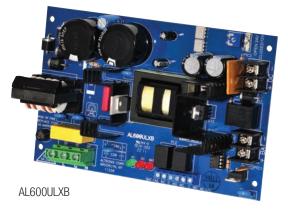**Access System with Power**

Optional Accessory:
- RE2 - Rack Mount Battery Enclosure (2U)
  Accommodates up to four (4) 12VDC/7AH batteries

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Power Supply/Chargers for TROVE Series

Altronix Model	Altronix Model with Removable AC Terminal Block	Total Output Power	Number of Outputs	Built-in Battery Charger	Input	Dimensions (L x W x H)
ULXB Series Power Supply/Chargers						
AL400ULXB2	N/A	12VDC @ 4A or 24VDC @ 3A	1	SLA	115VAC	7.1" x 4.5" x 1.44"
AL600ULXB		12VDC or 24VDC @ 6A				7.1" x 4.5" x 2.6"
AL1012ULXB		12VDC @ 10A				7.5" x 4.5" x 2.25"
AL1024ULXB2		24VDC @ 10A				8.4" x 4.5" x 1.95"
AL400ULXB2V		12VDC @ 4A or 24VDC @ 3A			220VAC	7.1" x 4.5" x 1.44"
AL600ULXB220		12VDC or 24VDC @ 6A				7.1" x 4.5" x 2.6"
AL1012ULXB220		12VDC @ 10A				7.5" x 4.5" x 2.25"
AL1024ULXB2V		24VDC @ 10A				8.4" x 4.5" x 1.95"
eFlow Series Power Supply/Chargers						
eFlow4NB	eFlow4NTB	12VDC or 24VDC @ 4A	1 Main Output, 1 Aux. Output (1A)	SLA	115VAC	7.5" x 4.6" x 1.75"
eFlow6NB	eFlow6NTB	12VDC or 24VDC @ 6A				7.5" x 4.6" x 1.75"
eFlow102NB	eFlow102NTB	12VDC @ 10A				7.5" x 4.6" x 1.75"
eFlow104NB	eFlow104NTB	24VDC @ 10A				8.25" x 4.56" x 1.75"
eFlow4NBV	eFlow4NTBV	12VDC or 24VDC @ 4A			220VC	7.5" x 4.6" x 1.75"
eFlow6NBV	eFlow6NTBV	12VDC or 24VDC @ 6A				7.5" x 4.6" x 1.75"
eFlow102NBV	eFlow102NTBV	12VDC @ 10A				7.5" x 4.6" x 1.75"
eFlow104NBV	eFlow104NTBV	24VDC @ 10A				8.25" x 4.56" x 1.75"
Tango PoE Driven Power Supply/Charger						
Tango1B	N/A	12VDC up to 6.25A (75W) and 24VDC up to 3A (75W)	2	LiFePO4	90W 802.3bt PoE	7.625" x 4.125" x 1.25"

AL600ULXB

eFlow104NB

PoE Power Sourcing Equipment

Altronix Model	Description
NetWay1BT	Single Port 802.3bt Converter/Injector - 115/230VAC Input, 90W Output
NetWay8BT	8-Port Managed 802.3bt Midspan Injector supplies 90W per port (480W total power)

NetWay1BT

NetWay8BT

Altronix Model	Description	Number of Outputs	Dimensions
ACM4 / ACM4CB	4-Output Access Power Controller	4	5.175" x 3.36" x 1.25"
ACM8 / ACM8CB	8-Output Access Power Controller	8	8" x 4.5" 1.25"
ACMS8 / ACMS8CB	Dual Input, 8-Output Access Power Controller	8	8" x 4.5" 1.25"
ACMS8K1 / ACMS8CBK1	Dual Input, 8-Output Access Power Controller and Voltage Regulator Kit	8	8" x 4.5" 2.125"
ACMS12 / ACMS12CB	Dual Input, 12-Output Access Power Controller	12	8" x 4.5" 1.25"
LINQ8PD / LINQ8PDCB	Dual Input, 8-Output Network Power Distribution Module - Control, Monitor and report Power/Diagnostics	8	5.5" x 3.625" x 1.25"
LINQ8ACM / LINQ8ACMCB	Dual Input, 8-Output Network Power Access Power Controller - Control, Monitor and report Power/Diagnostics	8	8"x 4.5"x 1.25"
LPD	Low Power Disconnect Module (12/24VDC input)	N/A	2" x 2.75" 1"
M0M5	5-Output Power Distribution Module with Fire Alarm Interface	5	5.25" x 3.5" x 1"
NETWAY5A	5-Port Switch Board Facilitates Network Drops (10/100)	5	5.625" x 3.5" x 1"
NETWAY5B	5-Port Switch Board Facilitates Network Drops (10/100/1,000)	5	5.625" x 3.5" x 1"
NETWAY5P	5-Port Hardened PoE+ Switch Board	5	5.6" x 3.6" x 0.75"
NETWAY5PQ	5-Port Hardened Managed PoE+ Switch Board	5	5.6" x 3.6" x 0.75"
PD4UL / PD4ULCB	4-Output Power Distribution Module	4	5.21" x 3.25" x 1"
PD8UL / PD8ULCB	8-Output Power Distribution Module	8	5.21" x 3.25" x 1"
PDS8 / PDS8CB	Dual Input, 8-Output Power Distribution Module	8	5.375" x 3" x 1"
PDS8K1 / PDS8CBK1	Dual Input, 8-Output Power Distribution Module and Voltage Regulator Kit	8	5.375" x 3" x 2"
PD16W / PD16WCB	16-Output Power Distribution Module	16	5.875" x 6" x 0.95"
PDS16 / PDS16CB	Dual Input, 16-Output Power Distribution Module	16	5.375" x 3" x 1"
VR6	Stackable Voltage Regulator Converts a 24VDC input to 5VDC or 12VDC at 6A	1	5.375" x 3" x 1"
VR10	Stackable Voltage Regulator Converts a 24VDC input to 5VDC or 12VDC at 10A	1	5.375" x 3" x 1"

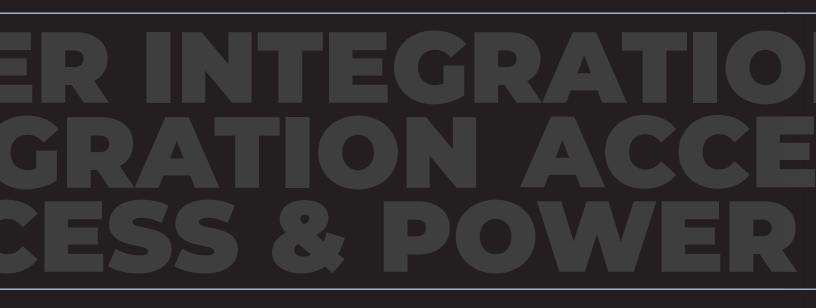Stackable sub-assemblies save valuable enclosure space, allowing for more power distribution and access controllers.

Altronix Model	Description
BL3	18" Battery Leads (black and red)
BL4	8" Battery Series Jumper (yellow)
BL6	68" Battery Leads (black and red)
BR1	Add-on mounting bracket. Mount additional Altronix sub-assemblies to the enclosure's side wall.
BT126	12VDC / 7AH Rechargeable Battery
BT1212	12VDC / 12AH Rechargeable Battery
BTL125	Rechargeable 12V Lithium Iron Phosphate (LiFePO4) Battery
CLK1	Thumb Lock. Fits Trove1, Trove2 and Trove3 enclosures.
DNP1	Altronix DIN Rail Adapter Plate accommodates the following sub-assemblies: ACM4(CB), ACM8(CB), ACM8(CB), ACMS8(CB), ACMS12(CB), LINQ8PD(CB), LINQ8ACM(CB), MOM5, NETWAY5A, NETWAY5B, NETWAY5P, NETWAY5PQ, PD4UL(CB), PD8UL(CB), PDS8(CB), PDS16(CB)
GB1	Altronix Adapter Plate for Genetec Synergis Cloud Link (For Mercury and HID/Vertx)
MM4	Mounting Magnets. 26 lbs. holding force. Pack of 4.
MM8	Mounting Magnets. 26 lbs. holding force. Pack of 8.
MM12	Mounting Magnets. 26 lbs. holding force. Pack of 12.
MM24	Mounting Magnets. 26 lbs. holding force. Pack of 24.
PSC1	Power Supply Protective Cover (Includes standoffs)
RSB1	Rocker Switch with Bracket - Includes single Master Power ON/OFF Switches and Wires
RSB2	Rocker Switches with Bracket - Includes two (2) Master Power ON/OFF Switches and Wires
SPACER1	5/8" Nylon female/female spacers (standoffs) with 6/32 screws. Pack of 25.
SPACER3	5/8" Aluminum female/female spacers (standoffs) with 6/32 screws. Pack of 25.
SPACER4	5/8" Nylon male/female spacers (standoffs) with 6/32 screws. Pack of 25.
SPACER5	5/8" Nylon snap-on spacers (standoffs) with 6/32 screws. Pack of 32.
SPACER6	1" Aluminum female/female spacers (standoffs) with 6/32 screws. Pack of 4.
SPACER7	5/8" Aluminum male/female spacers (standoffs) with 6/32 screws. Pack of 25.
SPACER8	1" Nylon female/female spacers (standoffs) with 6/32 screws. Pack of 4.
SPACER9	5/8" Aluminum spacers (standoffs) with 4/40 screws. Pack of 8.
TROVE2BWC	Wire trough/Battery enclosure compliments Trove2 enclosures to accommodate up to four (4) 12VDC/18AH batteries, or conceal side wiring (horizontal mount)
TROVE3BWC	Wire trough/Battery enclosure compliments Trove3 enclosures to accommodate up to four (4) 12VDC/18AH batteries, or conceal wiring (horizontal mount)
TROVE3SWC	Wire trough/Battery enclosure compliments Trove3 enclosures to accommodate up to four (4) 12VDC/40AH batteries, or conceal side wiring (vertical mount)
WM5	Magnetic cable tie mount. Accommodates standard zip ties. 16 lbs. holding force. Pack of 5.
WM10	Magnetic cable tie mount. Accommodates standard zip ties. 16 lbs. holding force. Pack of 10.
WM25	Magnetic cable tie mount. Accommodates standard zip ties. 16 lbs. holding force. Pack of 25.
WM100	Magnetic cable tie mount. Accommodates standard zip ties. 16 lbs. holding force. Pack of 100.

BTL125

CLK1

DNP1

PSC1

RSB2

TROVE3SWC

WM5

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