# LifeSafety Power®

# 2024
## POE PRODUCTS

| BITSTREAM Model Number | POE**+** Ports | Universal Input | Integrated 48VDC Battery Charger | Remote port power cycle | Port disable on external trigger input | Email fault notification | All Ports IEEE802.3bt |
|---|---|---|---|---|---|---|---|
| BT500-8 | 8 | √ | √ | √ | √ | √ | √ |
| BT500-16 | 16 | √ | √ | √ | √ | √ | √ |

## **BT500** FEATURES

**High Speed Network Compatible** 10 / 100 / 1000 network compatibility

**Fully Network Managed** View PoE output port voltage, current, power, and status locally or remotely. Disable or perform a timed reset of any or all ports.

**Universal AC Input** Accepts 85-265VAC input for worldwide operation on any power source - automatically.

**500W Total Output** High power output of 500W combined (maximum 90W per port - 802.3bt compatible).

**Built-in 48V SLA Battery Charger** Integrated battery charger provides dedicated backup for all connected PoE devices, reducing load on rack UPS. Battery monitoring provides battery voltage and connection status remotely.

**Front Panel Port Status Indication** Dual color port LEDs indicate normal or fault conditions per zone. Green/Normal or Yellow/Fault

**Strong Cybersecurity Protection** Configurable port settings, certificate selection, complex password settings, and other cybersecurity settings provide strong protection against cyber attack.

**User Control** Multiple user access levels with user activity log to track configuration changes and actions by user.

**Local Shutdown Input** Batch shutdown terminals accept a dry contact for local shutdown of selected outputs, independent of the fire alarm disconnect.

**MSM Enterprise Compatible** Monitor status of all LSP network connected devices and perform batch firmware updates through MSM Enterprise monitoring software.
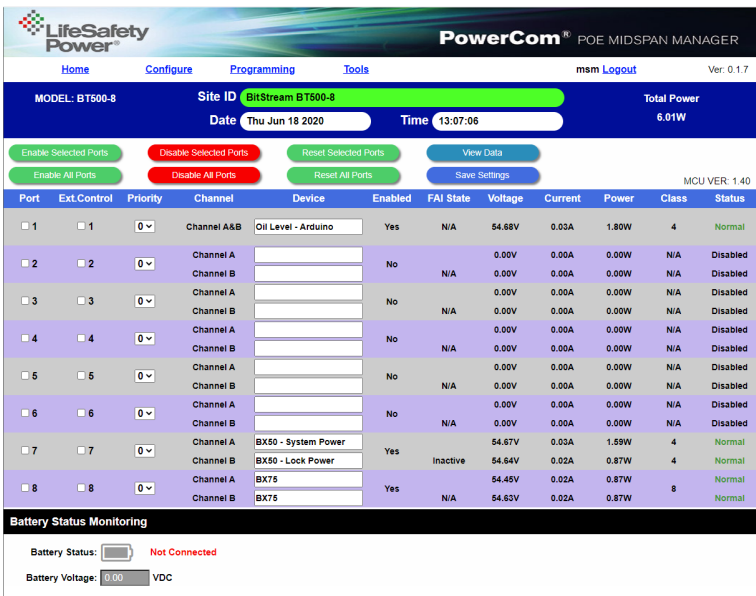
## **BT500** - FIRE OVER ETHERNET™

**FoE™** When paired with a BX50 PoE splitter, the BT500 can drop lock power on a fire alarm condition from a single fire alarm disconnect at the BT500. This eliminates the need to pull wiring for an FAI connection to each door, saving cost and simplifying installation.
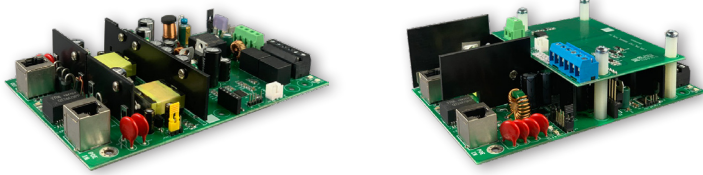
### **BX50** Fire Over Ethernet™
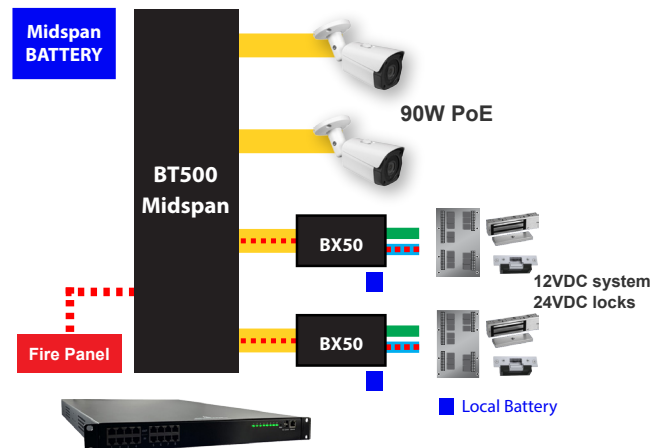


## **BT500** DASHBOARD

## BiTSTREAM™ **BX** series



**BX50 | 50W**

**BX75 | 75W**

### **BITSTREAM**™
power • data • firedrop over ethernet

| **BX Key Benefit** |
|---|
| **Fire Alarm Disconnect -** local or centralized Fire Over Ethernet™ |
| **Built-In Charger -** supports SLA or Lithium Iron Phosphate batteries |
| **OutSmart™ -** visual voltage verification technology |
| **Built in low battery cutoff -** prevents deep discharge |
| **FlexPower Modularity -** Works with any LSP enclosure or accessory |
| **Separate Fault Relays -** Separate PoE and Battery Fault Relays |

## MODEL BUILDER

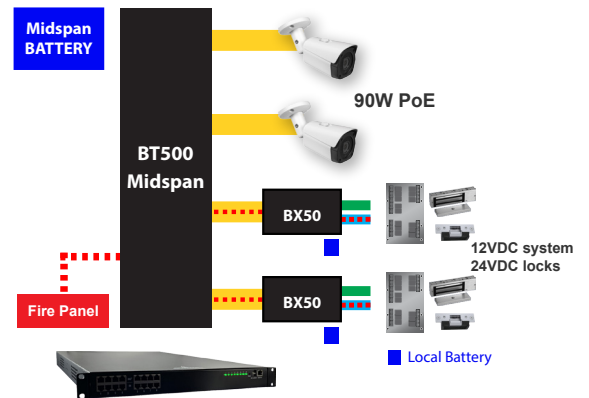### **BX 75 - C4 D8 NL4 E2**

**BiTSTREAM™**
**POE ACCESS POWER**

**MODEL**
BX50 | BX75

**ACCESSORY BOARDS**
C4 - 4 controlled   D8 - 8 auxiliary
C8 - 8 controlled   M8 - 8 managed
NL4 - Network Module

**ENCLOSURE**
E5 - 8.5" x 11" x 3"
E1 - 14" x 12" x 4.5"
E2 - 20" x 16" x 4.5"

**BX50**

BXw-E5    BXw-C4E1    BXw-C4D8PE1    BXw-C8D8E1    BXw-M8NL4E1

**BX75**

## APPLICATIONS

**BX50** Fire Over Ethernet™

Midspan
BATTERY

BT500
Midspan

90W PoE

BX50

12VDC system
24VDC locks

BX50

Fire Panel

Local Battery

**BX75** Local Fire Alarm Disconnect

Midspan
BATTERY

BT500
Midspan

90W PoE

BX75

BX75

Local Battery

Fire Panel

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