



OVERVIEW

TEK Umbilicals can be connected to any alarm or access control system or device and can be used to expand your asset protection and monitoring from more permanent structures to your mobile, temporary, or exposed assets. Umbilicals can be fitted with a manual key switch or numeric keypad and employed as stand-alone asset protection and/or access control devices. Customizations available. Made in the USA.



TBU4 - Four Port Base for Asset Cables

INTEGRATIONS, CONTROL AND SUPERVISIONS

Integrations

- Protect valuable assets by linking them to your security system
- Bases are available for single, dual, and quad loops
- Bases can be used in conjunction with the TEK Box Clamshell, TBU-Mini, in LoopBack mode (requires dual or quad loop base), or with another TEK Box Asset Loop Base.
- Can be used for temporary, daily, semi-permanent, or permanent security.
- Cables up to 50 feet available standard, longer cables can be custom made.

Relay Outputs

- Up to 5 relay outputs for local alarm indicator as well as indicating to a security system..
 - Siren
 - Closes on any fault
 - Adjustable timeout from 0.5 seconds to 5 minutes or no timeout
 - 1-4 Loop Status
 - Always indicates status of the loop
 - All loops activate to indicate a fault that is not loop specific.
 - Other operation modes are selectable
 - Relay operation can be customized

Fault Detection

The system can detect a number of different faults. When any fault is detected, the corresponding actions are taken based on the selected mode and armed/disarmed status. Following are some of the faults that can be detected:

- Clamshell open
- Clamshell disconnected
- Clamshell tamper
- Box tamper (Base or Mini)
- Cable disconnected from Base, Clamshell or Mini
- Cable or wire cut/broken
- Shorted port or cable
- Box tamper (base or Mini)
- Active port not connected to terminator port
- Terminator port not connected to active port

SPECIFICATIONS

Visual Indicators

- Two LEDs on the front of the box; yellow & red.

Mechanical

- NEMA 4, 4X, 12, 13, IP66 enclosure is suitable for permanent outdoor installations as well as other tough environments.
- TamperLoop™ Technology deters tampering at all points in the system.
- Abrasion and Crush resistant polyurethane jacketed cable for durability in tough indoor and outdoor applications
- Available with Aramid Armor™ or Stainless Steel Mesh Armor for even higher durability.

Electrical

- Operating Voltage: 12-24 VDC
- Maximum Load Current: 120 mA

Use with End of Line Devices

- The TEK Box Clamshell™ creates a loop with the cable through/around an asset(s) that can trigger alarm condition when broken.
- The TBU-Mini attaches permanently to an asset or other structure and connects to base with asset cable.