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Picatinny CLIK Interface Modules

Rapidly Increase UxS Lethality and Interoperability



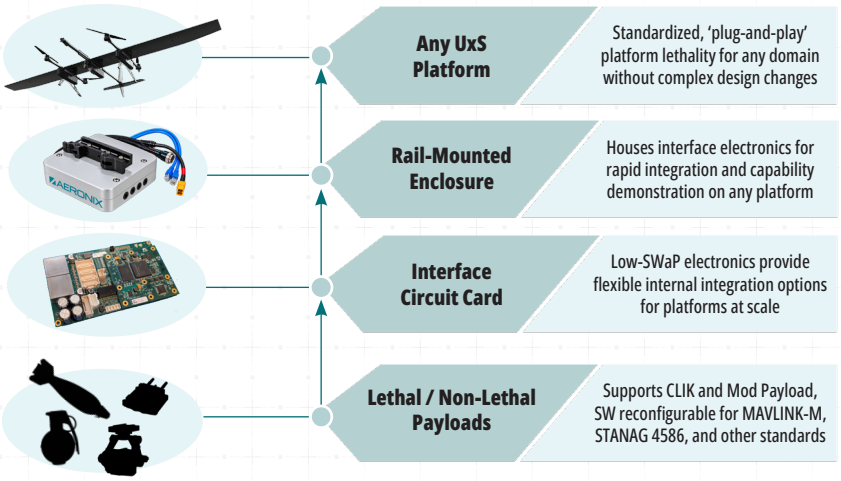
PLATFORM INTERFACE MODULE

MODULAR INTERFACE LAYER FOR UAS LETHAL PAYLOAD INTEGRATION

PRODUCT SPECIFICATIONS

Catergory	Specification	Details
Data	Supported Platform Inputs	Ethernet; CANbus
	Payload Outputs (per CLIK)	Serial (simple payloads), Ethernet (smart payloads)
Size	Card Dimensions	6 in (Length) x 3.5 in (Width) x 0.75 in (Height)
	Card Weight	180 g
Power	Supported Platform Input Power	18 – 75VDC
	Payload Output Power (per CLIK)	28VDC
	Card Operating Power	6.5W @ 28VDC
Cabling	Platform Connections	Custom internal or external cabling provided for power and comms
	Payload Connections	External cabling, CLIK-defined connectors (M38999, 801 series), up to 4 stations

CLIK SOLUTION ARCHITECTURE



ACCELERATING CLIK ADOPTION ECONOMICALLY AT SCALE

Aeronix has low-cost solutions to rapidly implement the U.S. Army's new **Picatinny Common Lethality Integration Kit (CLIK)** standard for integration of lethal payloads onto bomber / dropper UAS and other small unmanned close combat systems.

The CLIK Platform Interface Module is a 'plug-and-play' component that provides a fully compliant CLIK and Mod Payload electrical interface for any UxS with minimal SWaP increases and limited need for bespoke platform design changes. This solution provides a mature, weapons-grade interface for up to four (4) lethal or non-lethal payloads at once, while standardizing existing platform power and communications outputs to meet CLIK requirements. Through this approach, Aeronix is streamlining the adoption of open standards with a scalable, economic, platform-agnostic solution that delivers rapid UxS lethality and interoperability to U.S. and allied warfighters.

KEY FEATURES

Weapons-Grade Electronics
- Uses proven launcher components
- Dual-processing safety architecture
- Aligned to fuze SRB design guidance

Platform Agnostic
- Versatile CLIK compatibility for any UxS
- Uses existing onboard power and comms
- Control up to four (4) payloads at once

Open Standards Alignment
- Reduces bespoke platform internal design changes needed for CLIK adoption
- Dual CLIK and Mod Payload capability

Software Reconfigurable
- Software updates deliver new capability without changing common interface HW
- Ready for MAVLINK-M, CLIK revisions

Goverment Support
- Close collaboration with Army DEVCOM AC
- Implements USG reference architecture
- Proven compatibility with government solutions: WRS, MALET, FUSION, etc.

The information in this document is subject to change without notice. Contact Aeronix for latest details.

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