SUNHILLO
Mission-Critical Data Interoperability

MODE 4 INTERROGATOR module (M4I)
for Longport

Hot swappable modules • Redundant Power Supplies

- Scalable
- Sustainable
- Network Enabled

- ■ M4IS Replacement
- ■ CD-2/M4IS Messaging
- ■ TCP/IP and UDP/IP Protocols
- ■ Supports up to 6 -M4I Modules
- ■ Hot-swappable Interface Cards
- ■ Modular and scalable Architecture
- ■ Redundant Power Supplies (optional)
- ■ Front panel Indicators and E'net Maintenance Port
- ■ Direct M4I Replacement made easily with rear wire Terminal Blocks
- ■ Multiple (4) 10/100/1000 Base-T Ethernet Ports (Programmable VLAN Configs)

Sunhillo's Longport Platform is a robust, versatile and modular system designed for Surveillance Sensor Data Distribution and message conversions and is now also fully compatible with the Mode 4 Interrogator System.

Sunhillo's M4I Module accepts interrogation synchronously from a single 25 pin serial interface and in the form of UDP packets from dual Ethernet interfaces. Interrogation requests can arrive in any order from either type of interface. The synchronous serial port handles CD-2 and M4IS-Simple Format, while the redundant Ethernet Ports handle strictly M4IS-Simple Format.

Sunhillo's Longport Platform is FAA approved and deployed, providing sensor interfacing capabilities for the FAA STARS, ASR11, as well as the military DASR program.

The Longport chassis is a 19" standard EIA rack mount unit with an elevation of 3U.