MINDMATICS

# TIONG

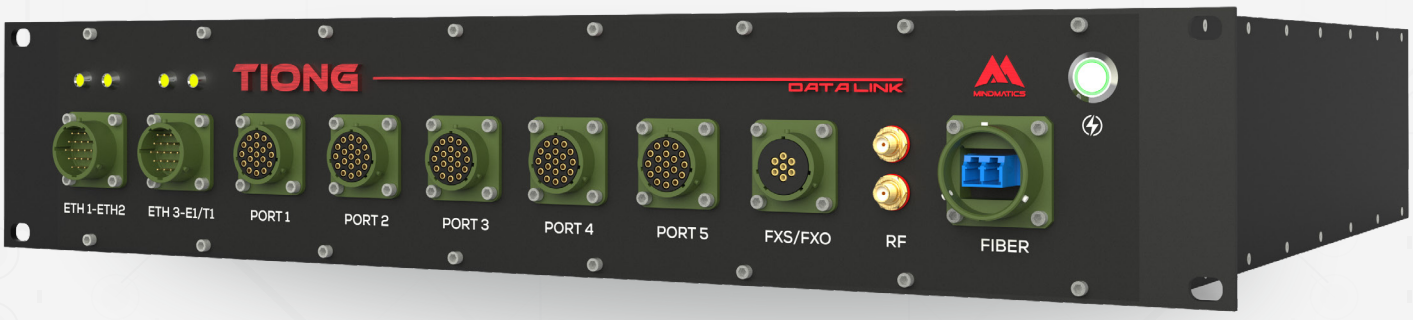
## TACTICAL DATA LINK

## Empowering Connections

Link M is a high-capacity datalink with frequency hopping features and jam resistance capabilities. The main purpose Link M is to provide the support for real-time tactical information exchange between joint units in military operations. Link M is allowing the tactical usage of the involved platform as known as TIONG and provides enhanced communication capabilities. It provides a secure and interoperable means of communication that enhances situational awareness and coordination between different platforms, such as aircraft, ships, ground vehicles, and command centers.

## Key Features

- Network control and protocol
- Channel status check
- Radio modem library
- Data Link Handler
- Custom TDMA
- Voice
- Management Software
- Time Sync
- GPS
- Encryption
- Forwarder API (i.e.: Link 16/22)
- Tactical Data Library



# Technical Specifications

| Port Connections | Protocols | Services | Protocols Handler |
|---|---|---|---|
| WAN | SIP | IPv4 and IPv6 | PACTOR 4 |
| LAN Port | RoIP | Call Handling | MIL-STD 188-110 |
| Maintenance Port | OSPFv2 and OSPFv3 | SIP Telephones | Custom |
| Configurable Port | RIP | Data | |
| Radio Port | EOIP | Advanced Encryption Standard | |
| Serial Port | BGP | DHCP Server/Client | |
| Fiber | GMP | Remote Management From CMS | |
| FXO | NTP | GPS | |
| FXS | SIP | Dynamic TDMA | |
| E1/T1 | PIM-SM | | |

| Dimensions | |
|---|---|
| Height | 177mm |
| Width | 483mm |
| Depth | 500mm |
| Weight | 19kg |

| Power Supply | |
|---|---|
| Input Voltage | 110VAC-250VAC 50/60Hz |
| Power Consumption | 200 W |

| Environmental | |
|---|---|
| Operating Temperature | -10°C to 55°C |
| Environment | MIL-STD 810 |
| EMC | MIL-STD 461<br>IEC 61000-6-4 |

C9-C11,
Jalan TKS 2, Taman Kajang Sentral
43000 Kajang, Selangor

+603-8741 2707
www.mindmatics.com.my