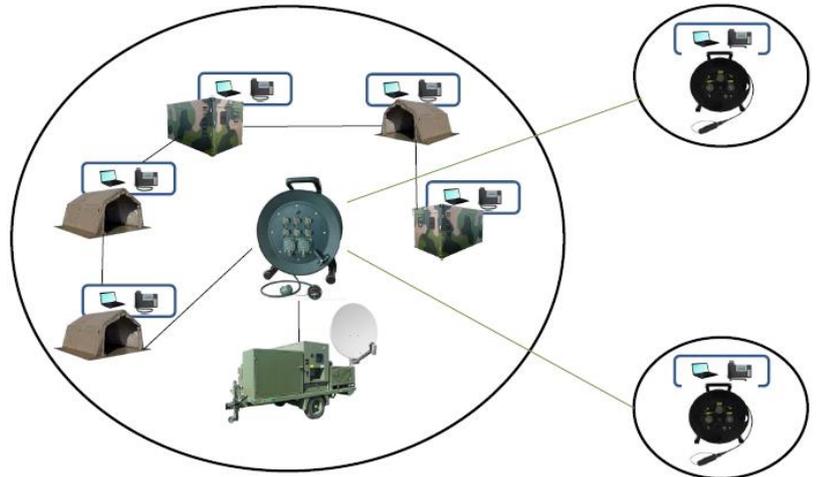


1 PRODUCT INFORMATION

- **Secure high-speed network infrastructure for Field Camps and Tactical Communication Systems**
- **Transfer data and energy using a single source**
- **Plug-and-play system with a data transfer rate of up to 10 GBit/s**
- **110V / 230V**

Part number: **4000016-2300.00**



Stock number: **61XX-12-XXX-XXXX**

2 TECHNICAL INFORMATION

Connection, side A	1x 230V 16A Schuko connector and fiber optic connector
Connection, side B	up to 7 hybrid sockets (Cinch) up to 2 RJ 45 MIL sockets (OCC) Optional: 4G antenna socket
Number of managed VoIP connections	up to 1000
Protocols for VoIP	SIP, IAX
Connection to existing network	Fiber optic connector
Connection to telephone network (PSTN)	Fiber optic, RJ 45 or 4G
External phone calls (simultaneously)	100
Internal phone calls (simultaneously)	unlimited
Ethernet connection	2 x RJ 45 sockets
System management	up to 250 independent SINUS IP devices can be connected (telephones, laptops).
Transfer rate	up to 10 GBit/s
Encryption	256-bit – IPsec, OpenVPN, SSH, SSL
Protection class	IP 65

3 FUNCTIONAL DESCRIPTION

The MDHL communication reel features a hybrid cable with optical fiber lines for data transfer and electrical lines for energy, enabling you to establish and manage fiber optic-, Ethernet and telephone networks across and also power all SINUS IP devices of distances up to 100 meters.

The system boasts a maximum data transfer rate of up to 10 GBit/s. The communication reel is capable of managing up to 250 independent IP devices and supports IP telephony, with up to 1000 VoIP connections using the SIP or IAX standard. It can handle an unlimited number of simultaneous internal calls and up to 100 simultaneous external or international calls via the standard telephony network. SINUS Hybrid VoIP telephones connected to the communication reel can also be contacted via the standard telephony network. The communication reel is equipped with an integrated fiber optic socket and an Ethernet connection, enabling the system to be connected to other data networks. Daisy chain option for more flexibility.

The telephony system can be managed via the user-friendly web interface and also boasts an interactive voice response (IVR) system and a central telephone directory. The system administrator can configure parameters such as the number of queues, personalised messages and hold music and the number of answering machines. A range of language modules are available.

4 OTHER MDHL ACCESSORIES



SINUS Fiber optic client with battery

PN: 4000016-2500.00

NSN: 6116-12-XXX-XXXX



SINUS Hybrid VoIP Telephone

PN: 4000016-2400.00

NSN: 6116-12-XXX-XXXX



SINUS Hybrid ruggedized Notebook

PN: 4000017-0400.00

NSN: 6116-12-3XX-XXXX