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Data Interface
EDRI1000

ERDI1000 is an interface between Motorola MotoTRBO™ radio stations and other devices such as PCs, PLCs or RTUs using Ethernet.

ERDI1000 is used for data transfers using TCP and UDP protocol. Communication between devices is totaly transparsparent.

ERDI1000 supports Single site, IP Site Connect, Capacity Plus and Linked Capacity plus architecture.

Power requirements

Input Voltage	9-36 V DC
Input Power	2 W

Hardware specifications

CPU	A10 1GHz Cortex-A8 ARM CPU
Memory	512MB DDR3 RAM
Network	100MBit native Ethernet
Memory	512MB DDR3 RAM
Dimensions	126 x 80 x 30 mm
Weight	210 g
Radio connection	Via USB

Features

- Designed as interface for data transmission using MOTOTRBO™ Digital Two-Way Radio;
- 100Mbit native Ethernet interface for external device communication;
- Fully transparent data transmission over Ethernet using TCP and UPD protocols;
- Suitable for control of high voltage switches gas and oil pipes, control of board computers, flood monitoring, alarming;
- Supports DM1000 Series in digital mode, DM2000 Series and DM4000 Series Digital Two-Way Radios;
- LED indicators for Power, Status and Error;
- Button for reset configuration to factory settings;
- Configuration accessible via web interface;
- DM4000 Series can be used for voice and data;
- Confgurable IP Address on Ethernet interface;
- Control for radio ignition.

Topology