MTI – In-Line Termination

MTT – End of Line Termination

With Perimeter Security Manager

Field Setup and Maintenance with Installation & Service Tool

MTI – In-Line Termination

MicroTrack Cable

Power Supply 10.5 to 60vdc

RS-232 400m (1312ft)

To Next MTP

MTP Connections
- DB9 Serial RS-232 Plug
- RS-422 Terminal Block COM 1
  Remote Setup and Maintenance Port Using the Installation & Service Tool
- RS-422 Terminal Block COM 2
  Communication Port for PSM Server
- External Tamper Input
- 10-60 VDC Input

MicroTrack  Buried Cable Perimeter Security System

MicroTrack Cable

MTI – In-Line Termination

MicroTrack Cable

MTT – End of Line Termination

RS-232

Field Setup and Maintenance with Installation & Service Tool

MicroTrack Processor

Data Converter

RS-232

RS232

RS422

RS422

PSM Server

Data Converter

8/4 Multi Input/Output Relay Card

CCTV Matrix / DVR

SDK - Software Development Kit

The SDK is provided upon request to assist the Installer/Integrator in developing Third-Party Software to communicate with the MicroTrack System. This would allow the Third-Party Software access to alarm messages from the MicroTrack System, precluding the need for the PSM software.

- The MicroTrack Polling Protocol is a Master / Slave protocol with the MTP as the Slave.
- Only one (1) MicroTrack processor slave device can be connected on a single RS-232/422 serial port line to a MicroTrack Polling Master.
- The MicroTrack Slave Device will transmit a frame on the serial line in response to a request from the Master.
- The Master Device Initiates all message traffic.

See Page 2 for System Components with Relay Control Modules
**MicroTrack™ Buried Cable Perimeter Security System**

*System Components*  
**With Relay Control Modules**

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**MTI – In-Line Termination**

**RS-485 MTI – In-Line Termination**

**MTI – End of Line Termination**

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**MTP Connections**
- DB9 Serial RS-232 Plug
- RS-422 Terminal Block COM 1
- RS-485 Terminal Block COM 2
- External Tamper Input
- 10-60 VDC Input

**RCM Connections**
- 8 Relay Outputs
  - User Defined NO/NC
- 8 Contact Inputs
  - NO/NC/Supervised Inputs Accepted
- Maximum 4 modules can be connected

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**SDK - Software Development Kit**

The SDK is provided upon request to assist the Installer/Integrator in developing Third-Party Software to communicate with the MicroTrack System. This would allow the Third-Party Software access to alarm messages from the MicroTrack System, precluding the need for the Relay Control Modules.

- The MicroTrack Polling Protocol is a Master / Slave protocol with the MTP as the Slave.
- Only one (1) MicroTrack processor slave device can be connected on a single RS-232/422 serial port line to a MicroTrack Polling Master.
- The MicroTrack Slave Device will transmit a frame on the serial line in response to a request from the Master.
- The Master Device Initiates all message traffic.

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*See Page 1 for System Components with Perimeter Security Manager*