



Bulgaria

SECURE LINK - BASE CENTRAL STATION SLCS 1.0

Development and manufacture
of PP Electronic Ltd.

Secure Link Base Central Station SLCS 1.0

Secure Link - Central Station with one to six radio channels for receiving data from objects up to 24 pcs. exported transceivers for reception of encrypted data from repeaters:

- the receiving channels (radio receivers) - 140-170 MHz, 300 MHz, 400-470 MHz, channel spacing 12.5 KHz, sensitivity - 116-118 dB at 12 dB SINAD; modulation - MSK / GMSK;
- decoder cards for receiving signals from Links 2.4S2 and Links 2.6S up to six units.;
- summator for receiving packets from all peripherals, processing, filtering, data compression, and the protocol conversion;
- interface to connect up to 24 pcs. transceivers, 2 of which are with built indication of the status and operating mode;
- Possibility to connect up to 2 units. LAN/DM to adopt TCP/IP encrypted data from repeaters by GPRS and LAN: 1: to 1024 subscribers for each, when working with software DSC CMS the functions of these modules are covered by the computer;
- control, indication and configuration - a module in which are integrated: diagnostics, management, sound and light indication, display, and configuration of the parameters; the module charges and controls the battery;
- two serial RS232 ports (direct and compressed) 38,400 bps speed, 128 bit data encryption (AES).

Open RS485 interface for connecting additional units:

- for hot reserve of the system;
- for extension of the functions (additional receivers and decoders, transceivers, TCP/IP modules and other communication and control devices.

Secure Link - Central Station works together with a computer and software DSC CMS by RS232 interface.

Configuring the system:

- service: by personal computer with a special cable;
- locally: by built-in keyboard and display (with 6 digit access code);
- remote: with SMS (by 6-digit access code), or LAN / GPRS (by 6 digit access code and 128 bit AES encryption).

Possibility to transmit data to the computer via SIA protocol.

The configuration is in modules and assemblies according to the customer requirements.

Power: 220V, buffered with battery 12V.

Possibility for mount in 19" system type "Rack" (3U), or independently.

Possibility for easy replacement of the modules.



Secure Link

Base Repeater SL 3.3

Secure Link - Base repeater with one to six radio channels for data from sites and up to two radio channels to transmit encrypted data to the central station:

- the receiving channels (radio receivers) - 140-170 MHz, 300 MHz, 400-470 MHz, channel spacing 12.5 KHz, sensitivity - 116-118 dB at 12 dB SINAD; modulation - MSK / GMSK;
- decoder cards for receiving signals from Links 2.4S2 and Links 2.6S up to six units.;
- summator for receiving packets from all peripherals, processing, filtering, data compression, and the protocol conversion;
- GSM/GPRS/DM - module to transmit digital data from a repeater to a central station via GSM networks; the transmitted data are encrypted;
- LAN / DM - module for transmitting digital data from repeater to a central station via Internet, the transmitted data are encrypted; interface for connecting up to 2 transceivers;
- control, indication and configuration - a module in which are integrated: diagnostics, management, sound and light indication, display, and configuration of the parameters; the module charges and controls the battery;
- two serial RS232 ports (direct and compressed) 38,400 bps speed, 128 bit data encryption (AES).

Open RS485 interface for connecting additional units:

- for hot reserve of the system;
- for extension of the functions (additional receivers and decoders, transceivers, and other communication and control devices).

The configuration is in modules and assembles according to the customer requirements.

Configuring the system:

- service: by personal computer with a special cable;
- locally: by built-in keyboard and display (with 6 digit access code);
- remote: with SMS (by 6-digit access code), or LAN / GPRS (by 6 digit access code and 128 bit AES encryption).

Power: 220V, buffered with battery 12V.

Possibility for mount in 19" system type "Rack" (3U), or independently. Possibility for easy replacement of the modules.

