

Remote management and supervision module



SM-010

Description

Equipment which makes it possible to monitor and manage ALCAD installations of up to 160 modules remotely by means of GSM/GPRS, LAN and PSTN connectivity via serial port.

Applications

Collective satellite or terrestrial TV installations where a considerable number of modules require constant maintenance. Monitoring of the power level and signal quality in the digital channels to program alarms. Remote management of ALCAD devices allows the installer to reprogram the devices. Remote updating of firmware of ALCAD equipment. Management of backup models. Avoids unnecessary trips to the installation.

Characteristics

Web server built into the equipment. Event logging and alarms. Equipped with RJ45 connector for integration with Ethernet network (LAN/WAN), slot for SIM cards for connection via GSM/GPRS mobile telephone network. Also equipped with RS-232 connections for external modems. SMA antenna connector. Zamak chassis with metal side panels. F-type connectors. The equipment can be assembled quickly and easily.

Accessories

9120208 SMA-000 GSM/GPRS magnetic indoor antenna, with cable and SMA male connector.

9120199 LA-103 Bus extender, 20-pin to two RJ45 connectors.

| CODE | | 9120187 | |
|--------------------------------|-----------------|--|------|
| MODEL | | SM-010 | |
| Input RF | | | |
| Connector | | F female | |
| TV system | | FM-TV, DVB-T, DVB-S/S2, DVB-C | |
| Frequency range | MHz | 47.. 862 / 950.. 2.150 | |
| Input level | dBμV | 40..100 | |
| Frequency step | dB | ± 2 | |
| Ethernet LAN/WAN | | | |
| Connector | | RJ45 | |
| Data speed | Mbps | 10/100 | |
| Protocol | | TCP/IP | |
| GSM /GPRS | | | |
| Frequency bands | MHz | GSM900 band: 850.. 900 - GSM1800 band: 1.800.. 1.900 | |
| Sensitivity | dBm | < -102 | |
| Removable SIM | | Yes | |
| Antenna | | SMA female 50 Ω | |
| PSTN | | | |
| Connector | | 9 pins SUB-D male | |
| Interface | | RS-232 | |
| General features | | | |
| Power supply | V _{DC} | +3,3 | +5,2 |
| | mA | 110 | 1600 |
| Operating T close to equipment | °C | -10..+65 | |
| Room T with/without fan | °C | -10..+55/+45 | |
| Protection index | | IP30 | |
| Units per packing | | 1 | |
| Packing weight | Kg | 1.04 | |
| Packing dimensions | mm | 270 x 170 x 38 | |