VoIP Terminal

AC-20IP-03

Simultaneous execution of up to connections

Support of SIP signalling

Wide selection of codecs

Rugged, compact case

AC-20IP-03 terminals are designed for voice connections with the use of VoIP (*Voice Over IP*) technology. The device can work as VoIP network client with SIP signalling.

The device can cooperate with the intercom installed on the vehicle.

Terminals enable to combine up to four simultaneous voice connections and to freely switch the headset between them. Two connections among the combined ones can be monitored on two independent earphones of the headset.

Technical parameters

BASIC FUNCTIONALITIES

Support of four simultaneous VoIP connections	
Possibility of transmitting user's data transmission in RTP channel	
Manual or automatic call acceptance mode	
Dynamic codes selection according to area codes	

INTERFACES

Electrical Ethernet Interface	**10/100/1000Base-T/TX**
Connecting the interfaces with data	DATA connector
Connection of the earphone-microphone set	MTF connector

VOIP PARAMETERS

Network protocol	IPv4
Signalling protocol	SIP (RFC 2543, RFC 3261, RFC 3263)
Voice transmission protocol	RTP
VoIP codecs,	G.711 A-law and μ-law, G.723.1A 6.3 kb/s, G.722, G.726, G.729, OPUS
DTMF support	RFC 2833, InBand, SIPINFO, Q.931, Tone, InBand, String

OTHER PROPERTIES

Network services	DHCP client, NTP client
	Management by SNMPv2c/v3
Audio set	Two independent earphones
	Differential microphone
Additional	Built-in Loudspeaker

POWER SUPPLY

Power supply	+27 V (from 18 V to 33 V)
Power consumption	<13 W

OTHER TECHNICAL PARAMETERS

Mechanical and climatic classification	Groups N.7-O-II(A and B) acc.to NO-06-A101÷108 (MIL-STD-810G compliant) (multi-use and continuous use equipment)
Electromagnetic compatibility	NO-06-A200 (MIL-STD-461F compliant) (KRE-02, KCE-02, KCS-01, KCS-06, KCS-07, KCS-08, KRS-02)
Operating temperature	From -30°C to +60°C
Storage temperature	From -40°C to +65°C
Humidity resistance	95-98% at +40°C

MANAGEMENT

19-contact numeric keyboard– 2 special pushbuttons: OK/Menu, Esc/ALT. All push buttons are illuminated.