KenTEL-1 Multifunction Telephone

Multifunction Telephone KenTEL-1 is designated for operation in a digital communication system and can be installed on mobile military platforms, in LAN networks, as well as in field command posts. It performs the intercom functions, enables connections with STORCZYK system exchanges, VHF and HF radios and VoIP subscribers.

In principle, KenTEL-1 shall cooperate, in the framework of an object, with integrator - Tactical Radio Access (*RAP*) or other terminals of similar type. Autonomous operation of the equipment is also available.

KenTEL-1 consists of the following elements:
- Multifunction telephone KenTEL-1,
- Headset (*optional*),
- Speakers set ZG-1 (*optional).*

Capabilities
- Connection to the local network through wired Ethernet 10/100 interface.
- Plug in of 2 headsets (*or speakers*) and two-way communication between them and the other users of the vehicle (*or object*).
- Connection to VHF/HF radios.
- Connection to STORCZYK system for data and voice transmission .
- Performance of KenTEL-1 as deployed field point.
- Cooperation with special purpose equipment (*direction finders, receivers, etc.*).
- Cooperation with on-board integrator (*BSR-IP, IS-1, CUT-2RI*).
- Cooperation with others KenTEL-1s in order to share resources.
- Autonomous operation as telephone (*with data transmission*) to VoIP network, STORCZYK and VHF/HF networks.
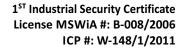
FEATURES

Interfaces:
- Ethernet 10/100BASE-T,
- Subscriber line.

Intercom:
- Circular broadcasting,
- Selective calling,
- Connection to radio subscriber.

Supported systems:
- STORCZYK,
- ISDN,
- VoIP H.323.

1ST Industrial Security Certificate
License MSWiA #: B-008/2006
ICP #: W-148/1/2011

NCAGE 1167H

ISO 9001:2008
AQAP 2110:2009
AQAP 2210:2006

ZJZ

PCA
POLSKIE CENTRUM
AKREDYTACJI

CERTYFIKACJA
SYSTEMÓW
ZARZĄDZANIA

AC 057
QMS

Telephone functions

- Telephone connections with STORCZYK system subscribers.
- Telephone connections with VoIP terminal in H.323 standard.
- Connections with radiotelephones subscribers.
- Voice connection to the BSR (*radio access*) operator's phone.
- Data transmission from the attached computer through the STORCZYK system.

Signaling functions

- Acoustic actuation for defined crew member (*KenTEL-1 users*) of alarm signals about the state of emergency from vehicle threat detection system.
- Activation of SOL system alarm signals for vehicle users of KenTEL-1.

Intercom functions

- Circular connection with crew members.
- Point-to-point connection with crew members.
- Voice connection with the VHF/HF radio subscribers.
- Listening to selected radio of the vehicle.
- Selective connection with the VHF/HF radio subscriber.
- Connection with the simplex radio access (*SCRAS*) subscriber.

Interfaces

- Multifunction Telephone KenTEL-1 has interfaces for direct communication with VHF/HF radios:

  - ✓ PR4G (*RRC 9500, RRC 9200*),
  - ✓ F@STNET (*RRC 9211, RRC 9311AP*),
  - ✓ HARRIS FALCON 2 (*RF 5800H*),
  - ✓ CTM serie RKS 8000/RKP 8100.

- analog interface.
- digital synchronous interface.
- digital asynchronous interface.
- two audio interfaces to headsets or speakers.

Environmental performance

KenTEL-1, meets the requirements for a group of products marked with the N 11-UZ-II-A symbol (*NO-06-A101 and NO-06-A103 classifications of the product*).

Power supply

DC 27V (+10%, - 55%). Power consumption during operation, at outside supply of nominal voltage, does not exceed 15 W.

Dimensions

64x140x240 mm.