

TCP/IP-UDP

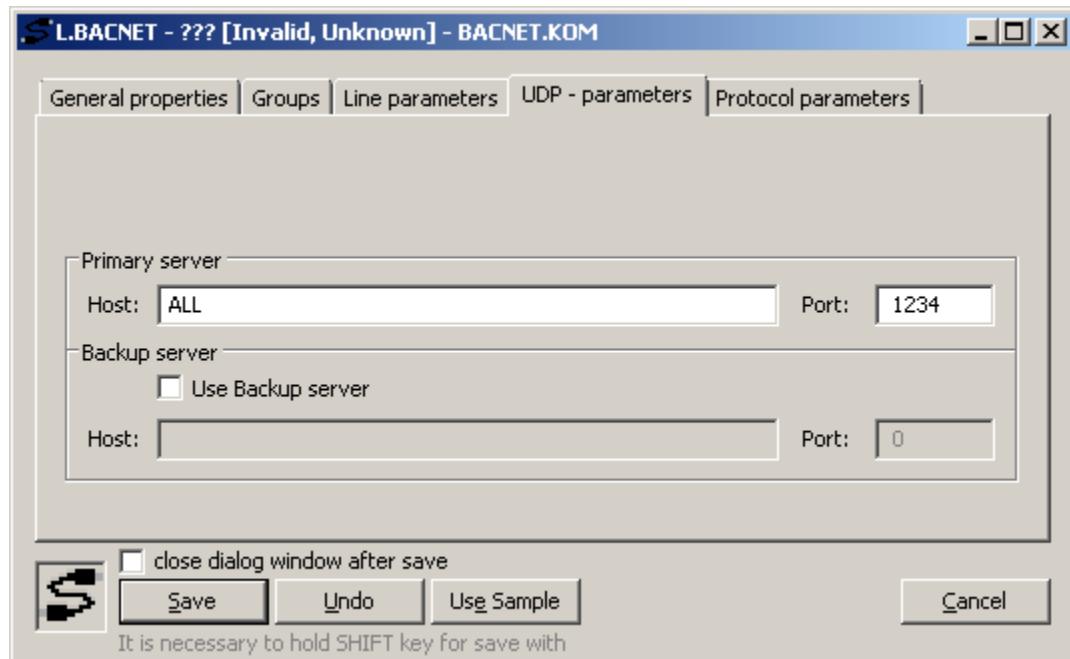
Configuration of communication line of TCP/IP-UDP category.

Line of category **TCP/IP-UDP** was designed for the needs of communication protocols that are built directly on the UDP layer of TCP/IP stack. It enables also the implementation of redundant communication (redundant network lines, redundant network interfaces) and configuration of two IP addresses of a communication partner.

The following protocols are currently supported:

- ALYA VT200
- BACnet
- DNP3
- Microtel 700
- Remia E3
- Remia KME
- SNMP
- Terminal LFC (IEC 870-5)

TCP/IP-UDP line configuration



Primary server - Host

IP address or a network name of a computer. Depending on a specific communication protocol, it may be an IP address of a computer where the D2000 KOM process is running (in this case a symbolic IP address *ALL*, representing all network interfaces where the D2000 KOM process can listen, can be entered). This is true for protocols:

- BACnet
- SNMP

In other communication protocols, this is an IP address of a partner computer, with which the D2000 KOM process communicates. This is true for protocols:

- ALYA VT200
- DNP3
- Microtel 700
- Remia E3
- Remia KME
- Terminal LFC (IEC 870-5)

Primary server - Port

Either the number of UDP port on which the D2000 KOM process should listen or the UDP port number on which a partner computer listens (see the description of parameter *Primary server - Host*).

Use Backup server

If this option is not selected, the D2000 KOM process does not work with backup IP address/port and the line works without redundancy.

Backup server - Host

Backup IP address or network name of a computer. Depending on a specific communication protocol, it may be an IP address of a computer where the D2000 KOM process is running (see the description of parameter *Primary server - Host*).

Backup server - Port

Either the number of a backup UDP port on which the D2000 KOM process should listen on or a backup UDP port number on which a partner computer listens (see the description of parameter *Backup server - Host*).

Currently, the backup server parameters are supported in the protocols [SNMP](#), [Microltel 700](#), and [Terminal LFC \(IEC 870-5\)](#).



Related pages:

[Communication lines](#)