

TCP/IP-UDP

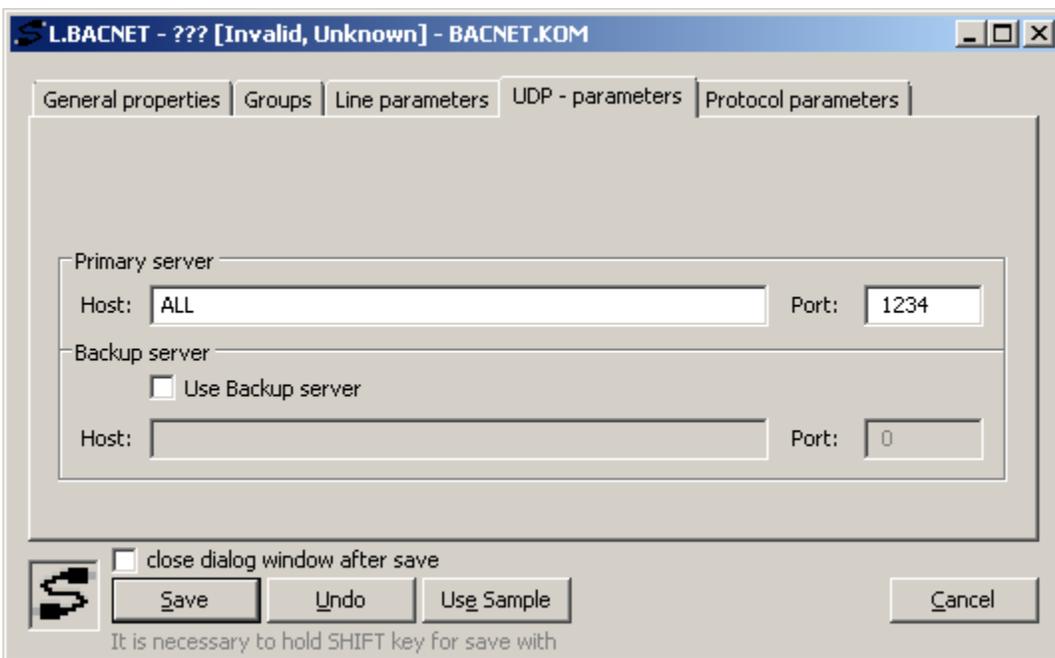
Configuration of communication line of TCP/IP-UDP category.

Line of category **TCP/IP-UDP** was designed for the needs of communication protocols that are built directly on the UDP layer of the TCP/IP stack. Both [IPv4](#) and [IPv6](#) protocols are supported. The line supports also the implementation of redundant communication (redundant network lines, redundant network interfaces) and the configuration of two IP addresses of a communication partner.

The following protocols are currently supported:

- [ALYA VT200](#)
- [BACnet](#)
- [DNP3](#)
- [Microtel 700](#)
- [Omron FINS](#)
- [Remia E3](#)
- [Remia KME](#)
- [SNMP](#)
- [Terminal LFC \(IEC 870-5\)](#)

TCP/IP-UDP line configuration



The screenshot shows a configuration dialog box titled "L.BACNET - ??? [Invalid, Unknown] - BACNET.KOM". The "UDP - parameters" tab is selected. The dialog contains the following fields and controls:

- General properties** | **Groups** | **Line parameters** | **UDP - parameters** | **Protocol parameters**
- Primary server**
 - Host: Port:
- Backup server**
 - Use Backup server
 - Host: Port:
- close dialog window after save
- Buttons: **Save**, **Undo**, **Use Sample**, **Cancel**
- Footnote: It is necessary to hold SHIFT key for save with

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, symbolic addresses * or *ALL* (for [IPv4](#) protocol) or [*] or *[ALL]* (for [IPv6](#) protocol), representing all network interfaces where the D2000 KOM process can listen, can be entered. This is true for protocols:

- [BACnet](#)
- [Omron FINS](#)
- [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 the 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 a 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 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](#), [Microtel 700](#), and [Terminal LFC \(IEC 870-5\)](#).



Related pages:

[Communication lines](#)