

# Connecting a test terminal to a broadband Internet line

## Checklist Test System K

**Important: Have you ensured that you're ready to install your terminal?  
Please note the following points.**

For you to use your terminal with a broadband Internet connection (ADSL or TV cable), the following conditions need to be met. If you have any questions, ask an electrician or network specialist.

### 1. ETHERNET LINE

Your terminal has access to an Ethernet RJ45 socket (10BaseT, half-duplex) that supports DNS and DHCP and provides free access to the Internet. Manual DHCP (fixed connection to the MAC address) is not supported.

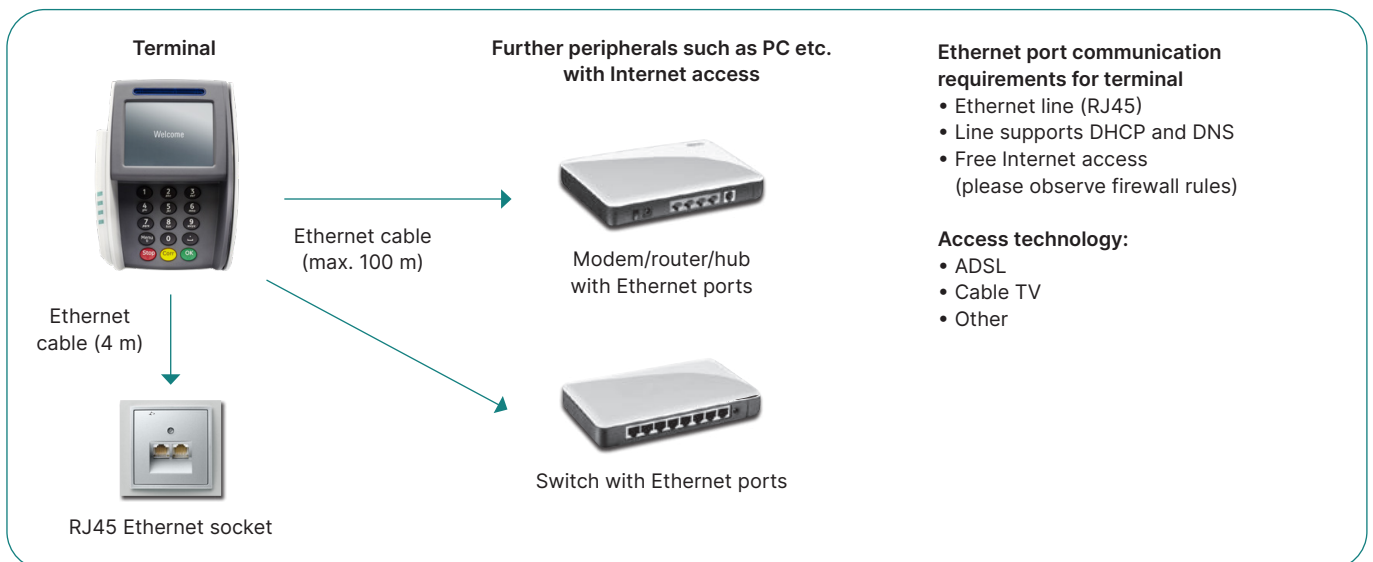
### 2. FREE INTERNET ACCESS

If your existing local network is firewall-protected, free Internet access must be ensured for your terminal. The terminal sets up the connection automatically.

### 3. FREE IP ADDRESS

You have an Internet connection with only one free IP address, but want to connect several devices, such as PCs and terminals? You can buy inexpensive components (routers etc.) to expand your Internet connection, enabling you to hook up more than one device.

If you have any questions about broadband connections, please contact your specialists by calling +41 58 205 6751.



A glossary of terms used can be found overleaf.

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**The following IP addresses must be allowed to pass if the Internet connection is protected by a local firewall or a firewall set up by your Internet provider!**

Worldline*	IP address: Port	DNS names
Software download	153.46.253.140:8953 HTTP	tserv.ep2.telekurs.com
GKLP	153.46.254.218:62000 HTTP	tgklp.telekurs.com
Configuration	153.46.253.139:8115 TCP	tsiconfig.ep2.telekurs.com
Initialisation	153.46.253.133:2262 TCP	tsiinit.ep2.telekurs.com
Authorisation	153.46.253.129:2261 TCP	tfe.ep2.telekurs.com
Direct delivery/PMS	153.46.253.135:2264 TCP	tmisubm.ep2.telekurs.com
Valuemaster	153.46.99.2:50005 TCP	–
Online Log	153.46.100.66:51003 TCP	–
ep2 Logging	153.46.253.18:6514 TCP	tsyslog.ep2.telekurs.com

\* incl. Swisscard/American Express, Migrosbank, MF Group, Boncard

Additional acquirers	Initialisation	Authorisation	Direct delivery
PAYONE	195.200.194.8:51006	195.200.194.8: 51007	195.200.194.8: 51008
Accarda	194.209.61.53:42100 /	194.209.61.53:42100 /	194.209.61.53:42100 /
ConCardis First-Data	217.73.32.88:35146	217.73.32.88:35146	217.73.32.88:35146
Postfinance	138.189.254.102:1637 ep2integration.PostFinance.ch: 1637	138.189.254.102:1639 ep2integration.PostFinance.ch: 1639	138.189.254.102:1641 ep2integration.PostFinance.ch: 1641
REKA	185.66.79.195:51006 ep2-vpd.reka.ch:51006	185.66.79.195:51007 ep2-vpd.reka.ch:51007	185.66.79.195:51008 ep2-vpd.reka.ch:51008
WIR	91.198.173.65:8001 eftposgw1-c4.wir.ch:8001	91.198.173.65:8000 eftposgw1-c4.wir.ch:8000	91.198.173.65:8002 eftposgw1-c4.wir.ch:8002
Boncard	89.28.156.2:5001 ep2.test.boncard.net	89.28.156.2:5001 ep2.test.boncard.net	89.28.156.2:5001 ep2.test.boncard.net

Additional settings in your firewall such as content filtering may also affect the connection to our systems. Those settings also need to be deactivated for the addresses mentioned above. The list is not definitive (as of December 2022). The list has been drawn up and checked with great care. Please note that IP address can change at any time. Worldline accepts no responsibility for any mistakes or modified addresses.

### To test firewall:

```

C:\Windows\system32\cmd.exe
C:\>telnet serv.ep2.telekurs.com 8953
    
```

### Test successful:

```

C:\Windows\system32\cmd.exe
C:\>telnet serv.ep2.telekurs.com
    
```

### Test not successful:

```

C:\Windows\system32\cmd.exe
C:\>telnet serv.ep2.telekurs.com 8952
Connecting to serv.ep2.telekurs.com...Could not open connection
to the host, on port 8952: Connect failed
C:\>
    
```

### To test DNS:

```

C:\Windows\system32\cmd.exe
C:\>nslookup serv.ep2.telekurs.com
    
```

### Test successful:

```

C:\Windows\system32\cmd.exe
Non-authoritative answer:
Name:     serv.ep2.telekurs.com
Address:  153.46.253.156
    
```

### Test not successful:

```

C:\Windows\system32\cmd.exe
C:\>nslookup serv.ep3.telekurs.com
Server: test01.test.six-group.net
Address:  01.234.567.89
Non-existent domain
    
```

## Glossary

**ADSL** – Asynchron Digital Subscriber Line. This uses a different frequency band to analogue telephony or ISDN, which makes it possible to access several services via a single line.

**DNS** – Abbreviation for the domain name in IP addresses.

**Ethernet** – Basic platform for operating TCP/IP (physical definition, plugs, cables, voltage levels, bitrates, and so on).

**USB** – Universal Serial Bus is a standard that defines the interface between the PC and its peripherals.

**TCP/IP** – Protocol facilitating the transmission of data.

**DHCP** – Automatic assignment of an IP address.

**Firewall** – Software used to protect a network (such as an enterprise network) from hacker attacks.

Your local point of contact can be found at: [worldline.com/merchant-services/contacts](https://worldline.com/merchant-services/contacts)

