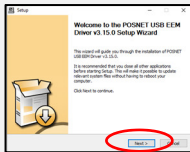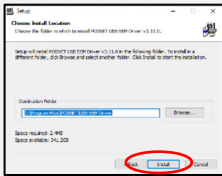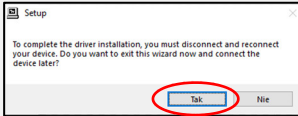## USB network card - installing controllers

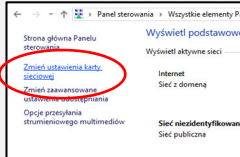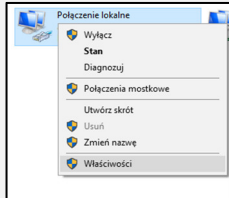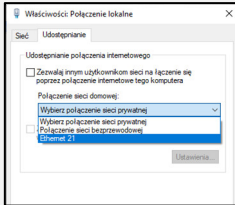| 1	Download the most up-to-date controllers from the www.posnet.com website or open a CD at your computer.
2	Initiate the installer and press „**Next>**".
3	Choose a disc location where controllers should be installed. It is recommended to leave a default track. Next press „**Install**".
4	Controllers are installed.
5	With next windows press „**Next>**" and „**Finish**".
6	Confirm the message by pressing „**Tak**".
7	If during the installation the printer was connected to the computer please disconnect it and reconnect again.

USB network card - selecting controllers

To choose controllers that the Posnet register is to use, please enter the menu:
„**2 Konfiguracja**" → „**2 Konfig. połączen**" → „**Porty komunik.**" → „**Sterownik USB**".

After confirming the «**Sterownik USB**» item using the **[OK]** key, the following list will appear:
Posnet driver – controllers intended to other systems (recommended option),
W10 driver – controllers intended for Windows 10
Auto – the device will automatically adjust the controller to the system.

USB network card - connection configuration

For the USB network card to make a connection:

1	Choose a menu item: **2 Konfiguracja** → **3 Konfig. połączen** → **2 TCP/IP** → **Interfejs**, press **[OK]**, using keys **[UP]/[DOWN]** select **USB (NET)** and press **[OK]**.
2	Next, using keys **[UP]/[DOWN]** choose «**Zapisz**» and press **[OK]**.
3	Connect the printer with a computer using a USB cable.
4	In the computer choose the option „**Network connection**". For Windows 10: **Control panel** → **Centre for network and disclosing**.
5	Next choose „**Change network card settings**".
6	Using the right mouse key press on the network card responsible for Internet connection and choose „**Features**".
7	Choose the tab „**Disclosing**".
8	Mark the item „**Allow other network users to connect via Internet connection of this computer**". Next, choose a network card of the connected printer. Confirm **OK**. Posnet network cards are marked as „**POSNET D LAN-USB**".
9	The printer is ready to work online.

The manual describes configurations of all interfaces allowing for online connections that can appear in printers.

Document version 1.2

POSNET

posnet.com

Quick OnLine
Network connection set up in fiscal printers

Technical support
801 800 111 wsparcie@posnet.com

WiFi

To get a connection via WiFi:

1	Choose a menu item: **2 Konfiguracja** → **3 Konfig. Połączen** → **2 TCP/IP** → **Interfejs**, press **[OK]**, using keys **[UP]**/**[DOWN]** select **WiFi** and press **[OK]**.
2	Next, using the keys **[UP]**/**[DOWN]** choose „**Zapisz**" and press **[OK]**. The printer will restart.
3	Choose a menu item: **2 Konfiguracja** → **2 Konfig. połączen** → **WiFi**, press **[OK]**.
4	Next, using the keys **[UP]**/**[DOWN]** choose «**Wyszukiwanie sieci**» and approve **[OK]**. **The printer handles encrypted networks in WPA/WPA2 Personal.**
5	Next, using keys **[UP]**/**[DOWN]** choose a network you want to connect to and press **[OK].**
6	If it is required, enter a password using a keyboard and confirm with **[OK]**.
7	The printer will start to make a connection with a network which can take up to a couple of minutes.
8	Next, with the message **«Łączyć z siecią automatycznie?»** please make a choice: **[OK]** – the register will connect with the network automatically. **[C]** – each time network configuration shall be required.
9	The printer is ready to work online.

Ethernet

To get a connection via the Ethernet:

1	Choose a menu item: **2 Konfiguracja** → **3 Konfig. połączen** → **2 TCP/IP** → **Interfejs**, press **[OK]** using keys **[UP]**/**[DOWN]** select Ethernet and press **[OK]**.
2	If it is required to enter data manually, using **[UP]**/**[DOWN]** keys choose **DHCP** and confirm with **[OK]**. «**Tak**» (**Yes**) – if the IP address is to be generated automatically, «**Nie**» (**No**) – if the IP address and other data for the sake of making a connection should be put manually.
2a	If DHCP is set for "**Nie**" (**No**) enter successively: ■ **Adres IP (IP address),** ■ **Maskę podsieci (Subnet mask),** ■ **Bramę (Gate),** ■ **Preferowany DNS (Preferred DNS),** ■ **Alternatywny DNS (Alternative DNS).** Data should be entered using a keyboard and confirmed by **[OK]**. Upon entering data, choose "**Zapisz**" and confirm with **[OK]**.
3	Upon making the connection, the printer is ready to work online.

Online test

To prompt an online test, choose a menu item:

4 Serwis → **1 Testy sprzętowe** → **Test online** and press **[OK]**.

Network requirements for Online printers

The network with which the printer is connected needs to allow connection with servers:

- ■ **Serwer CPD** (**CPD server**),
- ■ **Azure (WebApi, EventHub)**,
- ■ **Serwer aktualizacji (Update server)**,
- ■ **Serwery czasu (Time servers)**.

Information about up-to-date addresses and ports that the printer uses can be found in the online report.
To prompt a report please enter to the menu:
1 Raporty → **2 Raporty niefisk.** → **Raport online.**
Note! **Information about Azure (WebApi, EventHub) is available upon fiscalising the device.**

Connection with the repository

Transferring data to a repository can happen following:

1	Automatic connection of the printer with the server taking place according to the fixed schedule.
2	Prompting data transmission from a printer's menu by a User: **2 Konfiguracja** → **1 Parametry ogólne** → **7 Połącz z repozytorium** and press **[OK]**.
3	If data for dispatching are available, relevant message will be displayed.

Verifying up-dates

Information about an up-date can be obtained:

1	Upon automatic signalisation by the register. Messages signalling availability of the up-date can appear: ■ when starting the printer, ■ following each daily report.
2	Upon independent verification with the printer's menu: **2 Konfiguracja** → **1 Parametry ogólne** → **10 Aktualizacja** → **2 Sprawdź aktualizację** If the update is available, a relevant message will appear. Upon confirming, the update will be downloaded.

Update installation

Similarly to verifying an update, there are two ways to install an update.

1	The printer will install the update automatically upon developing the daily report.
2	The user can check themselves whether the update is ready for installation by entering to the menu: **2 Konfiguracja** → **1 Parametry ogólne** → **10 Aktualizacja** → **3 Instaluj** **Note!** **Manual installation will be effective if following the last daily report no sale was made.**