



# QS-SWLCD

Software license for QS-LCD22A counter / station display or  
3rd parts Android Smart Monitor

User manual

# QS-SWLCD

## Client box for shift numbering history summary

### User guide for device management

## Overview

### Product description and context

QS-SWLCD is a software license for Android operating system that allows you to view, appropriately installed on HDMI Android monitor, the history of the turn numbering along with a schedule of multimedia content configurable by the user. The product home screen looks like the following photo:



Figures 1 – QS-SWLCD Screen

### Operation

This product requires Android device for installation. QS-SWLCD device also needs to be connected to the same network (LAN or WiFi) as a queue management server (such as Q-System or MicroTouch) viewing calls and if the Internet is available it is in weather forecasts and/or last-minute news via FEED RSS.

# First Installation

---

## Unpackaging

Installing QS-SWLCD consists of a few simple steps:

- Take the device out of the box
- Connect the device to the power supply
- Connect the network cable
- Connect the monitor's HDMI cable (if needs)
- Tune the monitor to the chosen HDMI source
- Wait for the system to load

When initialization has occurred, the main screen shown in [Figure 1](#) will appear on the monitor.

These operations are common for each QS-SWLCD installed.

## System configuration

---

### Q-Discovery

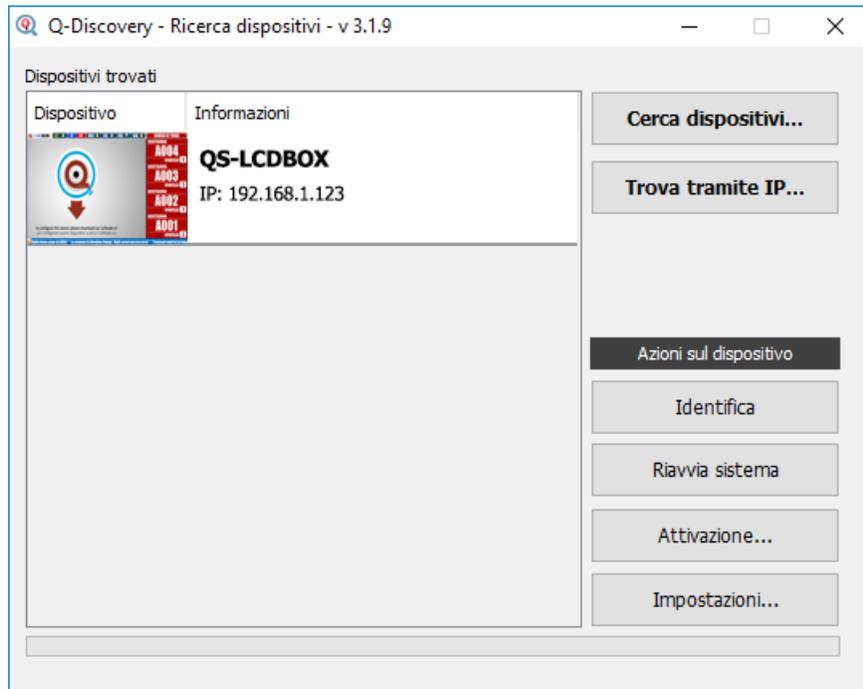
Q-Discovery is the universal Visel tool for configuring LAN devices. It consists of a PC-compatible application running Windows XP or higher. Visel recommends installing Q-Discovery only on the administrator's PC, which prevents non-workers from tampering with the system configuration.

- Download Q-Discovery from this link: <http://www.visel.it/en/download>
- Install and launch the application
- Click "Search for devices" to start setting up

### QS-SWLCD

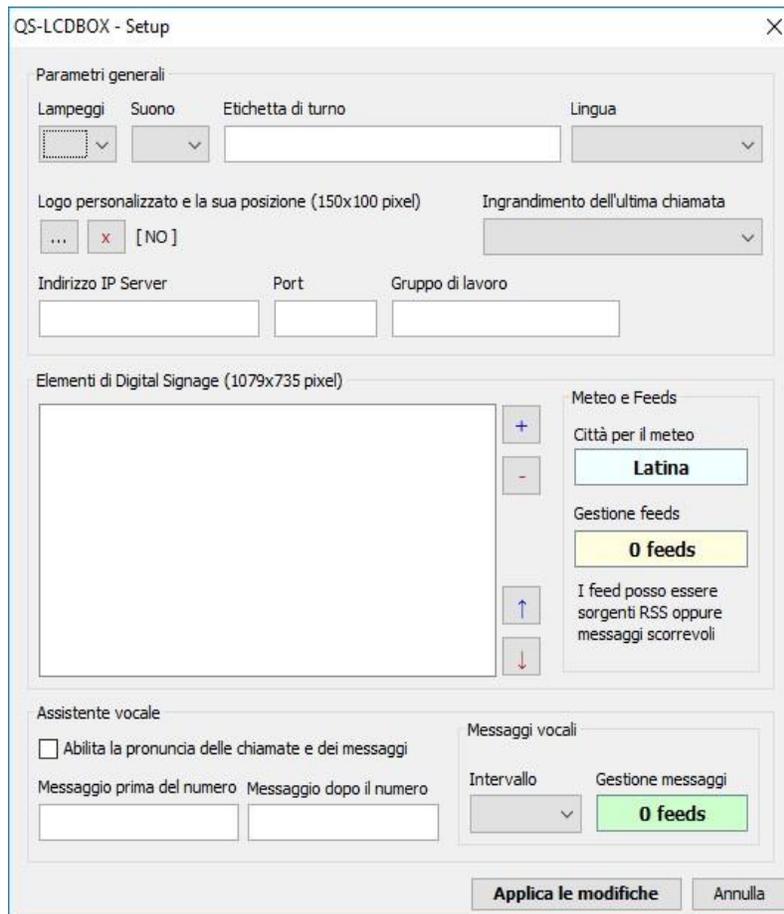
QS-SWLCD can work in both DHCP and with a static IP address.

Remember that if QS-SWLCD is configured correctly, you can manage its settings using the Q-Discovery application.



Figures 2 – Q-Discovery: Searching for Devices

Select QS-LCDBOX and press "Settings". The secondary screen will appear:



## General Parameters

Property	Description
<b>Flashes</b>	Number of screen flashes while animating the last call
<b>Sound</b>	Sound effect when the call arrives
<b>Label of t.</b>	Customizable text shown at the top right of the monitor
<b>enlargement</b>	If enabled, displays the last call in the foreground
<b>Logo pers.</b>	Allows you to choose an institutional logo and its location on the monitor
<b>Language</b>	User interface language for strings used on the monitor
<b>IP Server</b>	The IP address of the queue management server
<b>Port</b>	Communication port (default 5001)
<b>Group</b>	Call Target Workgroup

## Digital signage elements

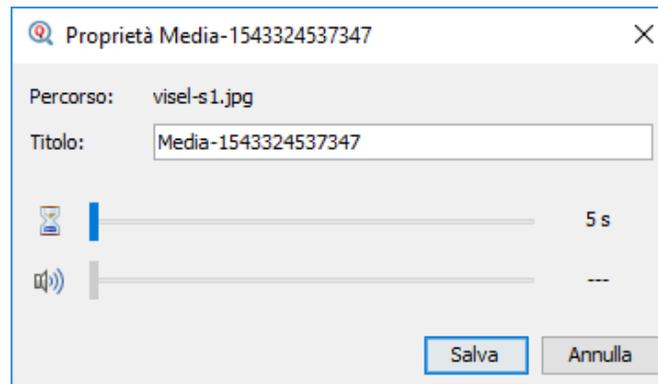
You can configure a schedule of multimedia sources that will be published on the monitor in the appropriate area. Here is the list of file types supported by this device:

File type	Recommended resolution in pixels
<b>JPG, GIF (non-animated), PNG, BMP, MP4 (video)</b>	1440x900 full screen, considering 96 pixels in height engaged by the two horizontal header and footer bands

Possible actions with the list of media sources

Button	Description
	Adds a source to the list using the file picker
	Remove a source from the list
	Move source to the beginning of the playback order
	Move source to the end of playback order
	Clone a source

By double-clicking a source in the list, you can customize its properties:



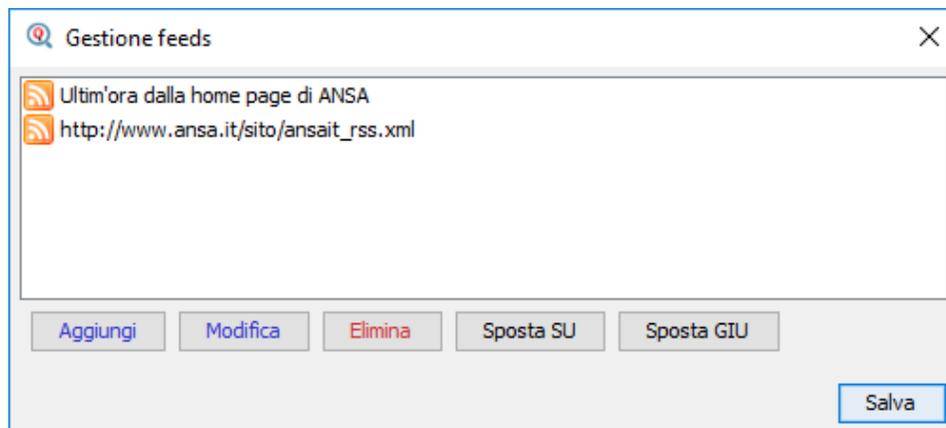
Figures 4 Media Source Property Customization

Property	Description
<b>Path</b>	The location of the remote file uploaded to the device
<b>Title</b>	Explanatory title of the media source
<b>Stay</b>	Screen time spent
<b>Volume</b>	Volume being played (video sources only)

## Weather and Feeds

By clicking on the box containing the name of the city you will be able to set the current city for which to get the weather forecast.

By clicking on the box containing the number of feeds you will be able to configure a list of RSS sources or custom texts to be queued in the serpent that scrolls down:



Figures 5 - Managing FEED

Then use the action keys to add, edit, delete, or move sources for feeds. To apply the changes, click "Save".

## Narrator

The device is equipped with a smart voice assistant that gives voice to everything the user writes. It can also reproduce the name and number of the calling seat.

Property	Description
<b>Enable</b>	By enhancing the checkbox, you can enable/disable the voice assistant.
<b>Message before number</b>	Text to play before the call is spoken
<b>Message after number</b>	Text to play after the call is spoken

## Voice messages

The voice assistant can play a schedule of user-set phrases at regular deadlines.

Property	Description
<b>Range</b>	Defines the time interval before the next sentence is spoken
<b>Message management</b>	By clicking on the box you will be able to manage the schedule of the sentences similar to what happens with the <a href="#">Feed Management</a> shown in <a href="#">Figure 10</a> .

For changes to the overall device configuration to take effect, press "Apply Changes".

## Voice Alternatives

This product takes advantage of the capabilities of Google's preinstalled text-to-speech engine. If the voice you use is not to your liking you can install a different text-to-speech engine directly from Google Play (the Android digital store) after adding a Google account on the BOX. To add a Google Account, enter a mouse (or use the included remote control) and navigate to Settings -> Accounts and then add your Google Account. Among the text-to-speech engines on the market, Visel recommends **Vocalizer TTS**, which provides voices in many more languages than the basic one. Each item can be purchased directly from the store or within the app itself for the price of about € 4.00 each one. To enable an alternative text-to-speech engine, simply go to Settings -> Language -> Text-to-Speech Output and enable the alternate engine.

For more information about Vocalizer TTS, visit this link:

[https://play.google.com/store/apps/details?id=es.codefactory.vocalizertts&hl=en\\_US](https://play.google.com/store/apps/details?id=es.codefactory.vocalizertts&hl=en_US)

## Troubleshooting

---

### **I can't find QS-SWLCD device with Q-Discovery**

Verify that QS-SWLCD device and the PC on which you are running Q-Discovery are connected to the same network. If so, check your network for firewalls.

### **Q-Discovery does not apply changes**

Try to start Q-Discovery with Administrator rights.

### **QS-SWLCD does not display calls**

Verify that the correct QUEUE management server IP address has been entered in the QS-LCDBOX configuration panel in Q-Discovery.

### **QS-SWLCD does not show weather forecasts or news RSS**

Verify that QS-SWLCD is connected to the internet.

If other types of problems arise, we recommend that you contact our telephone support.

Visel Italiana Srl  
Via Maira snc  
04100 Latina (LT)  
Tel: : 39 0773 416058  
Email: [sviluppo@visel.it](mailto:sviluppo@visel.it) Document drawn up on 11/12/2018