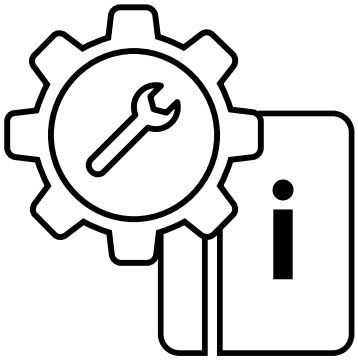
Installation Guide

LANCOM Wireless ePaper Server



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Introduction

LANCOM Wireless ePaper Displays provide a variety of options for displaying information. You can automatically and remotely update the calendar schedule for your conference rooms, you can create dynamic notices and direction signs, or you can control the price labels of goods on your shelves from a central location in real time. The wide range of different settings allows you to set up your very own customized use case.
This Installation Guide helps you with the commissioning of the Wireless ePaper Server to give you central management and monitoring of your Wireless ePaper infrastructure. For further information, please consult the user manual.

How it works

The LANCOM Wireless ePaper solution consists of four components:

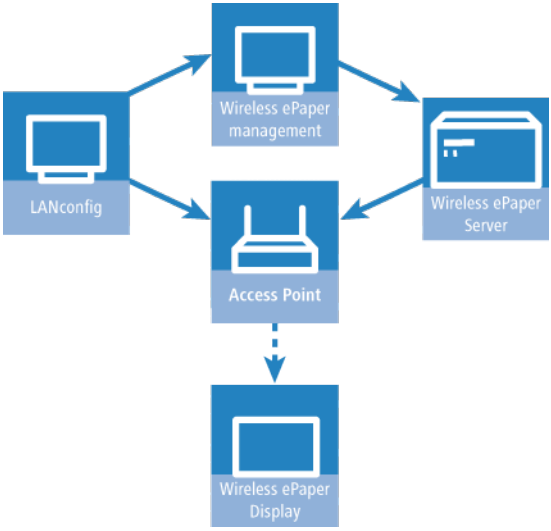
→ LANconfig allows the management and configuration of the access points, contains the Wireless ePaper management, and allows the configuration of the Wireless ePaper Server

→ The Wireless ePaper Server creates the graphics and transmits the information to the access point

→ The access point provides the radio connection to the display

→ The Wireless ePaper Display shows the desired content

The software consists of LANconfig and the Wireless ePaper Server. LANconfig manages the access points, facilitates their configuration, and invokes the Wireless ePaper management. The Wireless ePaper Server receives the instructions from the Wireless ePaper management, computes the content to be rendered, and transfers this to the access points. The access points forward the content to the Wireless ePaper Displays by radio.



Installing the Wireless ePaper Server

The Wireless ePaper Server is installed on a central network resource that has constant access to the Wireless ePaper Displays.
Only one Wireless ePaper Server should be installed on a network, otherwise conflicts could arise.

Installing and starting the Wireless ePaper Server

On computers with the Windows operating system, the software is installed with the supplied installation routine. This directly installs and starts the Wireless ePaper Server as a service. In principle the software is able to run without Windows on any computer running Java. The necessary „.jar“ files are available from the download section on the LANCOM homepage. You start the Wireless ePaper Server by double-clicking on the server.jar file. It requires an up-to-date Java runtime environment installed on your system. Also, the „.jar“ files need to be associated with Java. If started via the server.jar, the Wireless ePaper Server is not run as a service.

Configuring LANconfig

Start LANconfig either from the Start menu, your desktop shortcut, or by double-clicking on the file LANconfig.exe. The settings for operating Wireless ePaper Displays are to be found in LANconfig under **Tools > Options > Wireless ePaper**. Under IP/Hostname you enter the IP address and the corresponding port for the Wireless ePaper Server. The recommended port number is 8001.

Opening WEBconfig

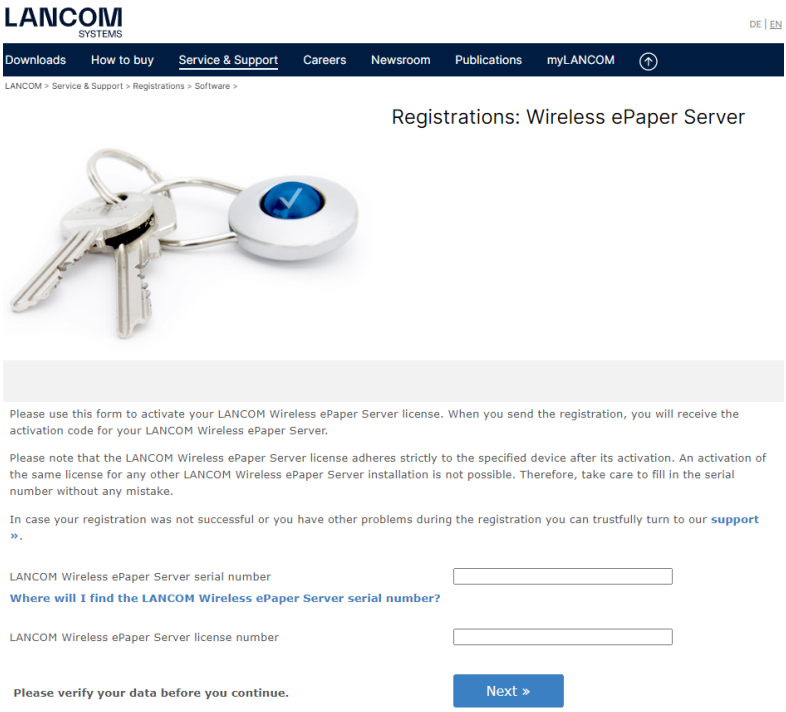
You access the WEBconfig interface for each access point from your web browser by entering the IP address of the access point into the address bar. The settings and status informations for the Wireless ePaper Displays are to be found in the **LCOS Menu Tree > Setup** and **LCOS Menu Tree > Status** menus under Wireless ePaper.

Opening the Wireless ePaper management

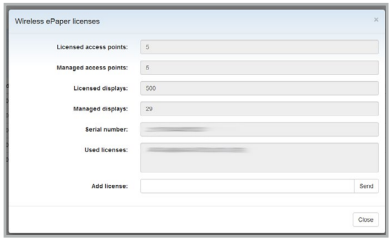
Using LANconfig, you start the Wireless ePaper management by clicking on **Tools > Start Wireless ePaper management**.

Setting up the license

In order to operate the Wireless ePaper Server, you first need to register it. Your LANCOM Wireless ePaper Server is supplied with a registration code, which you must activate before use.
To activate your license, open your web browser and go to:
my.lancom-systems.com/service-support/registrations/software/wireless-epaper-server/
You can activate your license under the section **Wireless ePaper Server**.



To complete the registration of your license, look for the appropriate option in the upper right corner of the Wireless ePaper management menu. Click on the menu next to the LANCOM logo and on **License**.



Under **License**, enter the activation code you received after activating your license on the LANCOM website and click **Send**. If your entries are correct, your license will be displayed. Under **Licensed access points** you can see the maximum number of access points that can be operated by the Wireless ePaper Server. To find the number of access points currently in operation, see **Managed access points**. The number of licensed and managed displays is viewed in a similar manner. If you wish to operate more access points or displays than your current license allows, please contact LANCOM.
If you have not set up a license, any commands sent to the display will be faulty and do not run.

Further information

Related information on installing, setting up and operating LANCOM access points and Wireless ePaper Displays is available online in the relevant sections of the LANCOM homepage (www.lancom-systems.com) or in the download section of myLANCOM.

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