☰ OPTICON

EE-420R - electronic shelf label 7,5"

The EE-750R is Opticon's largest ESL label. This large size makes the EE-750R very useful for situations where more attention is required. To facilitate this, custom mounting options are available for the EE-750R.

Using a complex system of electronic shelf labels, the change of marking the goods on the shelves can be made in a matter of seconds. What is especially fantastic is the possibility that such a change can be made by the central pricing department of the store chain in all of its stores throughout the country without the need for manual intervention in places where goods are offered to customers.

Opticon electronic shelf labels differ in the way they are powered:

- the EE series has a built-in battery with a lifespan of 5 years, the ESL itself is not externally powered by electricity;
- the PE series has no power battery, the Power Rail system is required for operation;
- the RE series has a built-in rechargeable battery, a Power Rail system is required for charging

How the electronic shelf label (ESL) works:
YOUTUBE = 'xA8AQxDCqlw'

Technical Description

Functionality & Operation

Communication interface	IEEE 802.15.4 , 2.4 GHz
Memory	Internal ROM: 256 kB, Internal RAM: 8 KB
CPU Type	8051 core 8-bit MCU
Display type	7.5'' EPD, 640 x 384 pixels, 100 dpi , active area 163,20 x 97,92 mm

Electrical

Power Source	4x Alkaline AAA
Main battery pack operating time	5 years (2 updates/day)

Mechanical

Dimensions	Width: 180mm, Height: 126mm Length: 16mm
Weight	208g

Environment

Operating temperature	5 to 40°C
Operating humidity (non-condensing)	20 to 60%
Storage temperature	-20 to 60°C

Others

Certifications	CE, FCC, RoHS, EN 60950-1, IEC 60950-1, EN 55022, EN 55024