

> SPECIFICATIONS

EBS30 - ETHERNET BASE STATION (ARTICLE CODE: 13097)
DIMENSIONS 145.0 x 110.0 x 30.0mm (WxDxH) CPU Stellaris LM3S9B96
INTERNAL ROM 256Kb **INTERNAL RAM** 96Kb **EXTERNAL RAM** 8Mb **CLOCK**
FREQUENCY 80MHz **ETHERNET** 10/100 Mbit **RADIO FREQUENCY** 2.4GHz **RADIO**
PROTOCOL IEEE 802.15.4 **RANGE** 25m radius indoor **OPERATING VOLTAGE** 6V
OPERATING CURRENT <300mA **OPERATING TEMPERATURE** -10~50° C **STORAGE**
TEMPERATURE -20~60° C **MOUNTING** Standard DIN rail



EE201 (ARTICLE CODE: 13163)

PHYSICAL DIMENSIONS 65.0 x 34.0 x 15.0mm (WxDxH) **BATTERY** 2x CR2450
OPERATING TIME 7~10years (depending on the amount of update/day)
ACTIVE AREA 45.0 x 22.0mm (WxH) **NUMBER OF DOTS** 200 x 96
RESOLUTION 110dpi **RADIO FREQUENCY** 2.4GHz **RADIO PROTOCOL** IEEE802.15.4
OPERATING TEMPERATURE 5~50° C **STORAGE TEMPERATURE** -20~60° C

EE271 (PRELIMINARY DATA)

ACTIVE AREA 57.3 x 38.2mm (WxH) **NUMBER OF DOTS** 264 x 176
RESOLUTION 117dpi **RADIO FREQUENCY** 2.4GHz **RADIO PROTOCOL** IEEE802.15.4
OPERATING TEMPERATURE 5~50° C **STORAGE TEMPERATURE** -20~60° C

EE441 (PRELIMINARY DATA)

ACTIVE AREA 89.6 x 67.2mm (WxH) **NUMBER OF DOTS** 400 x 300
RESOLUTION 113dpi **RADIO FREQUENCY** 2.4GHz **RADIO PROTOCOL** IEEE802.15.4
OPERATING TEMPERATURE 5~50° C **STORAGE TEMPERATURE** -20~60° C

EE741 (PRELIMINARY DATA)

ACTIVE AREA 161.6 x 97.0mm (WxH) **NUMBER OF DOTS** 480 x 800
RESOLUTION 126dpi **RADIO FREQUENCY** 2.4GHz **RADIO PROTOCOL** IEEE802.15.4
OPERATING TEMPERATURE 5~50° C **STORAGE TEMPERATURE** -20~60° C



Dynamic Product Signage

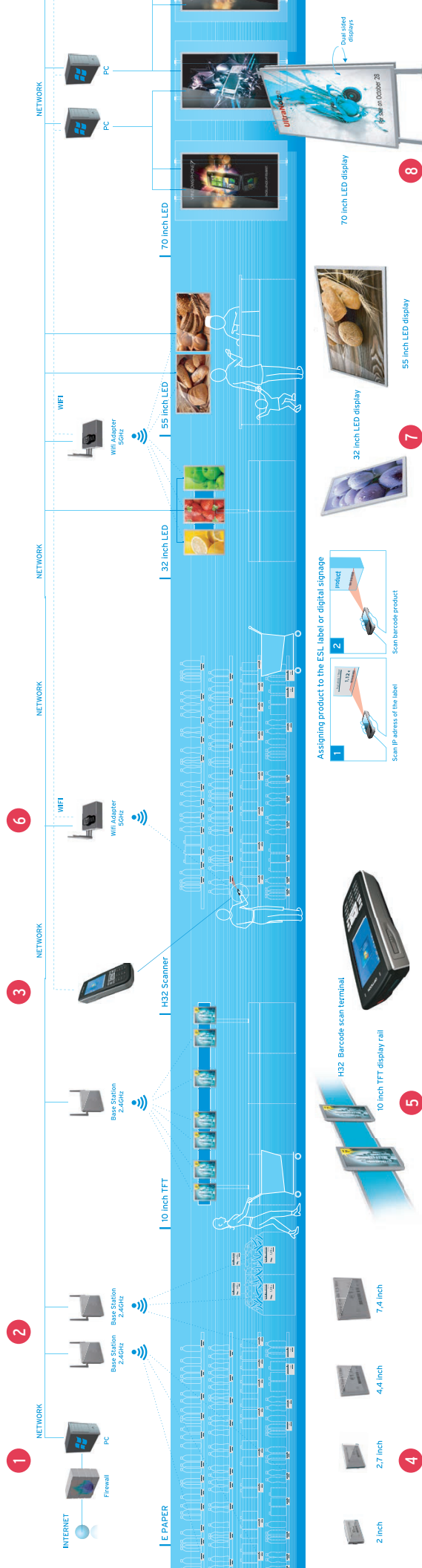


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Opticon strongly believes in Dynamic Product Signage - a combination between Electronic Shelf Labelling (ESL) & Digital Signage. Electronic product promotion from the entrance in a shop until the specific product itself and everything in between. Opticon designs manufacturers and delivers an unique system from screens dual sided over 80 inch till small sized price tags starting at 2 inch.

All displays are connected to the same network and the same content management system which is connected to the back office system in the store, meaning that the prices on the displays are always matching the prices on the screen. All the screens have several monitoring functions like low power battery, out of range (wireless network), back light defect etc.



1 > NETWORK SERVER

Software for this server can be delivered by Opticon or any other third party company supplying digital signage software. Opticon RF network can be fully integrated, in third party software, by using an API. All displays in this overview have a unique address in barcode. Content can be connected very easy by scanning this address and select the right product on the terminal or scan the article number on the product.

2 > OPTICON - ACCESS POINT

Low power, 2.4 GHz network controller, to connect all battery operated displays (4) and 10 inch (5) full color displays.

3 > OPTICON - H32

The H32 (Windows terminal) can be used to connect the display (scan the unique address) and the product/content, by scanning the barcode on the product or select it in the database on the terminal. The terminal can be used in a wifi network or as batch terminal, by using a cradle connected to the back office computer.

4 > EPAPER DISPLAYS

Battery operated, fully graphical displays, using 2.4 GHz, 802.15.4, radio technology. Various sizes; from 2 inch up to 10.2 inch.

5 > POWER RAIL

A unique system, developed by Opticon, to apply power to full color displays. The length of the power rail can be determined by the customer, including the location of the display, the amount of displays and the size of each display, starting at 10 inch.

6 > WIFI - ACCESS POINT

Screens larger than 10 inch can be connected via direct Ethernet cable or via Wifi Access Point. This access point can also be used for the terminal to set up and control the overall display network.

7 > 32"~55" DISPLAYS

A wide range of various displays from 32 inch single sided up to 55 inch dual sided. Displays can be mounted in the window, on a shelf, on a separate stand or on the ceiling.

8 > 70" AND BIGGER

Starting from 70 inch, single or dual sided, displays are controlled by an individual computer.

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