

≡ OPTICON

EBS-40 Base station

From small retail to multi-store business, implementation of the base station is very simple. All e-paper labels are connected to the same network and content management system, which is connected to the back office system. One EBS-40 base station can load 2,500 ESLs per station and has a 25-meter indoor radius (100 meters open-field). For complete specifications, see the datasheet.



Technical Description

Functionality & Operation

CPU Type	Cortex M4 32-bit MCU120 MHz
Memory	Internal FLASHROM: 512 kB, Internal RAM: 256 kB, External RAM: 8 MB
Communication interface	Ethernet, IEEE 802.15.4 , 2.4 GHz
Operating system	Windows® Embedded Compact

Mechanical

Weight	250g
Dimensions	Width: 145.1mm, Height: 110.1mm Length: 32.4mm

Environment

Operating temperature	-10 to 50°C
Storage temperature	-20 to 60°C
Operating humidity (non-condensing)	20 to 85%

Others

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