

EBS-41 Product label

The product label shown below is affixed to the back side of the base station.

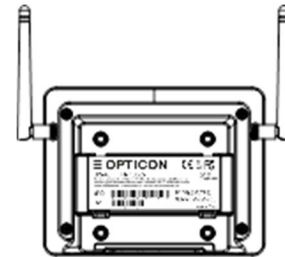


Figure 7: product label

The label shows two barcodes; on top is the Ethernet MAC address and below is the serial number of the base station. The MAC address shown here matches the actual address programmed into the EBS-41.

The addresses for the two 802.15.4 radios are derived from this address. These addresses (both are the same) are essentially the same as the Ethernet address, but with two zero's. Below is a description of those addresses:

Ethernet MAC address: $M_1M_2M_3-S_1S_2S_3$

802.15.4 MAC address: $M_1M_2M_3-S_aS_bS_1S_2S_3$

$M_1M_2M_3$ Define the manufacturer ID, which is 00126A in our case and is the same for both address types. The bytes that following the manufacturer ID, define the product number and that number is 3 bytes long for an Ethernet address and 5 bytes for a 802.15.4 address. To convert the two, we have set S_aS_b both to zero. So e.g. an Ethernet MAC address of 00126A45AB23 results in an 802.15.4 address of 00126A000045AB23

Material: Base + laminate protection against wear.
 Base: PP film, thickness 80µm, backing with glue.
 Laminate: PET film, clear, thickness 50µm.
 Colors: Black & White

The dimensions of the product label are W 84 x H 32.