

Article Specification

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SatLink 8575-FLTx Cardboard box label kit specification		

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Change log

Revision	Date	Change
1.0	2021-01-06	Initial revision
2.0	2021-07-07	Added FCCID and updated design to match recently produced SL120 box label.

1. INTRODUCTION

The label kit for the Cardboard box consists of 2 labels:

1. Label for product ID
2. Label for application software version pre-loaded in factory

2. LABEL FOR PRODUCT ID

Type and supplier can be selected by the manufacturer, but the size of the label shall be 60 x 40 mm, and the colour of the label shall be white. When changing label type or colour, a sample of the new label shall be sent to NSSL for approval before being used in production.

2.1 Product ID Label content

Table 1 describes the printing of the product ID label.

Field Number	Field Description	Field Content
A	Logo	
B	Product Name (Printed with Arial Bold font)	SatLink 8575-FLTx
C	Article Number and Revision (Printed with Arial font)	PN : 121295 - x.x ¹ (Printed as text)

¹ Actual revision of product

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Field Number	Field Description	Field Content
D	MAC address (Printed with Arial font)	MAC : aa:bb:cc:dd:ee:ff ² (Printed as text)
E	Serial No. (Printed with Arial font)	S/N : WWYYMMxxxxxx ³ (Printed as text)
F	FCC ID (Printed with Arial font)	FCC ID: 2A2EA8575FLTx (Printed as text)
G	Bar Code	Information from fields B, C, and D (Article number and revision, MAC address and Serial No) printed as 3D barcode in Data Matrix format
H	WEEE – mark Printed as an icon Total height approximately 14 mm	Graphics according to WEEE directive; 
I	CE – Marking ⁴	

Table 1: Label Field Description

2.2 Product ID Label Layout

Label layout shall be as shown in Figure 1. A picture of an example label is shown in Figure 2.

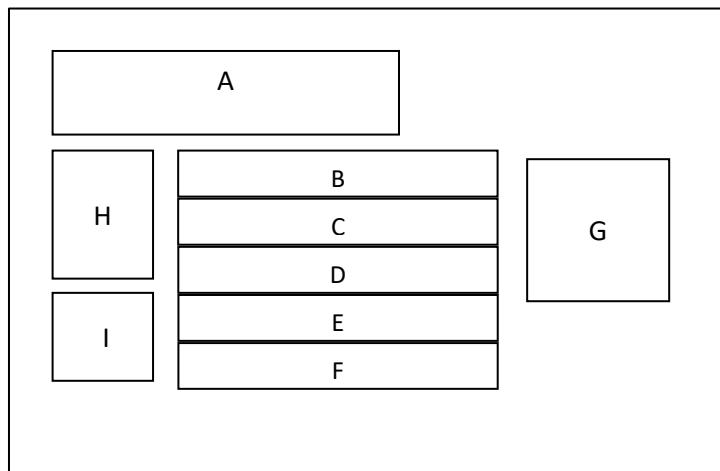


Figure 1: Label layout

² MAC number is given in the format aa:bb:cc:dd:ee:ff Actual Management Interface MAC number according to programmed unit ID.

³ Actual Manufacturer ID to be printed instead of WW. Actual year to be printed instead of YY. Actual month to be printed instead of MM. Consecutive number (Serial no.) to be printed instead of xxxxxx. (Number incremented from 000001 to 999999)

⁴ The CE conformity marking to be done according to the R&TTE Directive 1999/5/EC, Annex VII

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Figure 2: Example label (*Note specifically that this figure contains sample text for illustration purposes. Specific field content is specified in Table 1.*)

2.3 Content of 2D barcode

The 2D barcode shall contain the following content:

#SATLINK;#PNpppppp-xx.yy;#MACaabbccdde:ff;#SNssssssssss;

which shall be coded as per Table 2 below.

Barcode	Description
#	Field separator - start of field
;	Field separator - end of field
SATLINK	Fixed identifier to identify that it is a SatLink product barcode.
Pppppp	6-digit SatLink part number. Also identifies which label this is and how to decode the text in the bar code
xx.yy	Revision. e.g. 02.00
Aabbccddeeff	MAC address.
Sssssssssss	12 digit serial number which further is coded as per field D in Table 1
PN, MAC, SN	Field identifiers

Table 2: 2D barcode content

3. LABEL FOR APPLICATION SW VERSION PRELOADED IN FACTORY

Type and supplier can be selected by the manufacturer, but shall meet following specification:

- Height = 20 millimetres / Width = 30 millimetres
- Back colour = White
- Print colour = Black

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When changing label type or colour, a sample of the new label shall be sent to EMC for approval before being used in production.

3.1 SW version label content

The following table describes the printing of the SW version label.

Field Number	Field Description	Field Content
A	Legend (Printed with Arial font)	SW
B	Application SW version (Printed with Arial font)	x.y.z ⁵ – Printed as text

Table 3: SW version label

3.2 SW version label layout

Label layout shall be as shown in Figure 3.

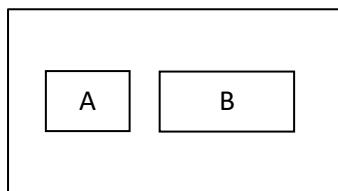


Figure 3: Label layout



Figure 4: Example labels (Note specifically that this figure contains sample text for illustration purposes. Specific field content for SW version label is specified in Table 3.)

⁵ Actual application SW version preloaded in factory. E.g. "14.0.0". Note that the fourth number (build number) of the application software version (build number) shall NOT be printed on this label.

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4. LABEL PLACEMENT

The two labels shall be located on the outside of the cardboard box as shown in Figure 4 and Figure 5 .

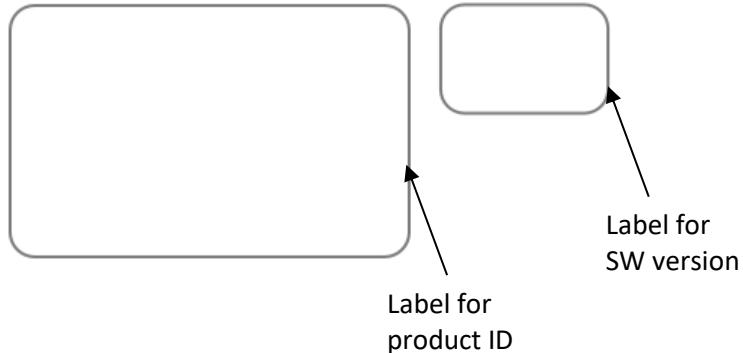


Figure 5: Placement of labels