

RFID tag encoding station





RFID tag encoding station



Video

Benefits:

- Easy, fast and effective encoding
- Stand alone: encodes anywhere
- Plug and play
- Compatible with hard tags and paper tags
- Reduction of errors in tag encoding
- Password protection

Applications:

- Retail stores
- Distribution centers
- Libraries
- Hospitals
- Warehouses
- Factories
- Other spaces

Product overview

AdvanStation is an encoding station for paper and hard RFID UHF tags.

AdvanStation **easily and quickly** encodes hundreds or thousands of RFID tags at retail stores, offices, distribution centers, warehouses, or other spaces.

AdvanStation includes:

- Internal RFID reader with embedded computer
- RFID antenna
- Barcode scanner
- Magnet for facilitating the placement of RFID hard tags
- Visual indicators
- Frame and casing
- Software drivers

The use process is as follows:

- The user places an RFID tagged item over AdvanStation so that the RFID tag is over or near the magnet.
- 2 The label with the barcode printed on it is approached to the barcode scanner.
- 3. The barcode scanner reads the barcode.
- 4. The EPC code of the RFID tag is automatically encoded.

Product features

AdvanStation works **stand alone**. It does not require any connection to an external computer or to Internet, nor any installation. It only needs to be powered, and it starts encoding.

AdvanStation uses the ${\bf SGTIN}$ standard of GS1 for generating the EPC code of the encoded RFID tags.

AdvanStation can encode the RFID tags with **password protection**. In this way, the tags can not be rewritten without the password, which increases the security of the overall application.



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Technical specifications

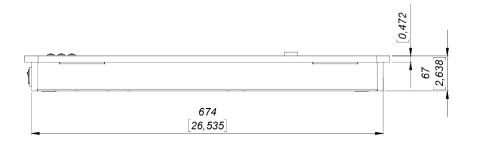


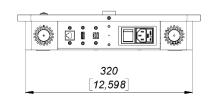
Air Protocol Interface	EPC global UHF Class 1 Gen 2 / ISO 18000-6C
Supported regions	FCC (NA, SA) 902 MHz - 928 MHz ETSI (EU, IN) 865.6 MHz - 867.6 MHz MIC (KR) 910 MHz - 914 MHz SRRC-MII (P.R.China) 920 MHz - 925 MHz Brazil: 902-907.5 MHz and 915-928 MHz (as sub-band of FCC) ACMA (AU, NZ) 920 MHz - 926 MHz Open region
Encoding standard	SGTIN
Writing time	1 tag every 3 seconds (includes barcode scanning time)
Security	RFID tag encoding with password
Connectors and switches	On-off switch USB Standard A female connector for connecting the barcode scanner Power supply C13 female connector
Visual indicators	Green LED Orange LED Red LED (See user guide for colour codes)
Power supply	120 - 230 V AC
Power consumption	Idle consumption < 3 W Max consumption (@30 dBm) < 10 W
Temperature	-10 °C to +55 °C
Size	350 mm x 700 mm x 68.6 mm (13.8 in x 27.6 in x 2.7 in)
Weight	5000 g (176.4 oz) (includes barcode scanner -weight may change across hardware revisions-)



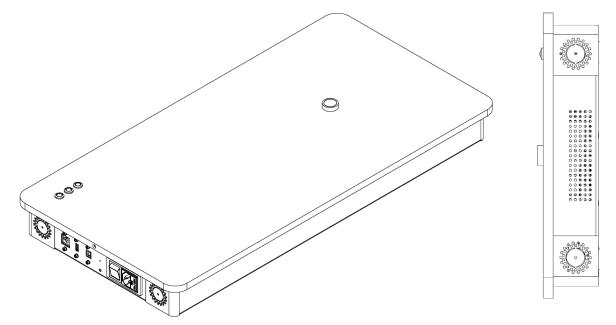
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Mechanical specifications









Units in millimeters and [inches]



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Product codes for ordering

ADST	-	FF	-	mmm	
					FF = frequency band
		EU			865,6 MHz - 867,6 MHz
		US			902,0 MHz - 928,0 Mhz
					mmm = model
				100	Model number

Examples:

ADST-EU-100:

- AdvanStation
- Frequency band: 865,6 MHz 867,6 MHz
- Model 100

ADST-US-100:

- AdvanStation
- Frequency band : 902,0 MHz 928,0 MHz
- Model 100



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