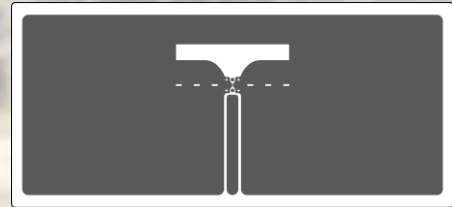




# EOS-409 U8

### Plastic sticker

### 34 x 74 mm (short pitch)

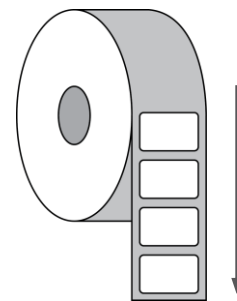


## GENERAL SPECIFICATION

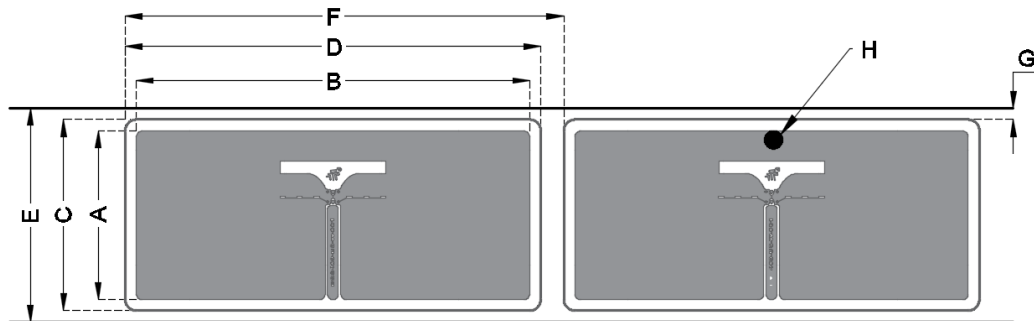
Market applications	Luggage tracking
Format	Plastic sticker
Finished size	34 x 74 mm / 1.34 x 2.91 in
Frequency	FCC 902–928 MHz / ETSI 865–868 MHz / ASIA 950–956 MHz
Protocol	EPC Class 1 Gen 2
EPC memory	128 bits
User memory	-

## MECHANICAL DIMENSIONS

Antenna size	A x B	30 x 70 mm	1.18 x 2.76 in
Finished size	C x D	34 x 74 mm	1.34 x 2.91 in
Web width	E	38 mm	1.50 in
Pitch	F	80 mm ± 0,5 mm	3.15 in
Die-cut to web edge	G	2 mm	0.08 in
Bad mark	H	∅ 4 mm	∅ 0.16 in



Front face on outside of roll



Feed direction (front face view) →



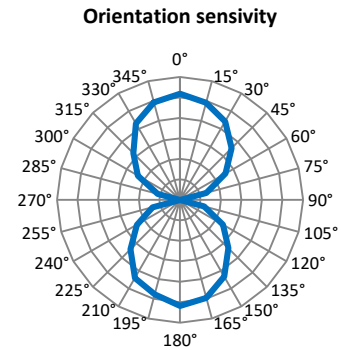
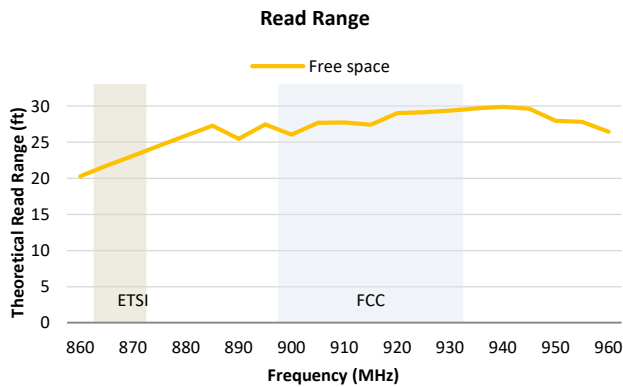
## RFID IC

IC	NXP Ucode 8
Protocol	EPC Class 1 Gen 2
Operating frequency	860 – 960 MHz
EPC memory	128 bits
User memory	-
Operating temperature	-40°C / +85°C (-40°F / +185°F)

## MATERIAL CHARACTERISTICS

Antenna material	Aluminum
Front face material	White TT printable plastic
Back face material	-
Adhesive	Solvent-free permanent acrylic adhesive

## TAG READ PERFORMANCE



All the graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level and an NXP Ucode 8 tag silicon.

## PACKAGING DETAILS

Delivery format	Roll (single row)
Core inner diameter	76 mm / 3 in
Roll outer diameter	200 mm / 7.87 in
Unwinding direction	Labels on outside of roll
Standard roll size	(to be confirmed)
Final inspection	100% tested, defective tags marked

## CONTACT

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