



T A G E O S

# EOS-230 H3

## APPLICATIONS



Asset tracking



## GENERAL SPECIFICATIONS

**Frequency** FCC 902-928 MHz / ETSI 865-868 MHz / ASIA 950-956 MHz

**Protocol** EPC Class 1 Gen 2

**EPC memory** Up to 480 bits

**User memory** 512 bits

**Antenna size** 34 x 9 mm / 1.34 x 0.35 in

**Label size** 38 x 12 mm / 1.5 x 0.47 in

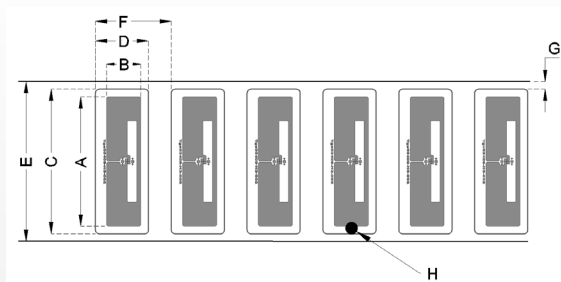
## AVAILABLE FORMATS



Adhesive label

## MECHANICAL DIMENSIONS

DIMENSIONS	DESCRIPTION	METRIC	US
A x B	Antenna size	34 x 9 mm	1.34 x 0.35 in
C x D	Label size	38 x 12 mm	1.5 x 0.47 in
E	Web width	42 mm	1.65 in
F	Pitch	20 mm $\pm$ 0,5 mm (tbc)	0.79 in
G	Die-cut to web edge	2 mm	0.08 in
H	Bad mark	$\varnothing$ 4 mm	$\varnothing$ 0.16 in



FEED DIRECTION →



T A G E O S

# PRODUCT DATASHEET EOS-230 H3

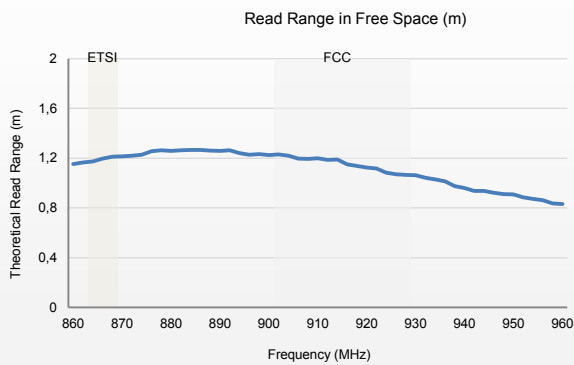
## RFID CHIP SILICON

TAG SILICON	ALIEN HIGGS 3
Protocol	EPC Class 1 Gen 2
Operating frequency	860 – 960 MHz
EPC memory	Up to 480 bits
User memory	512 bits
Operating temperature	-50°C / +85°C (-58°F / +185°F)

## PRODUCT CHARACTERISTICS

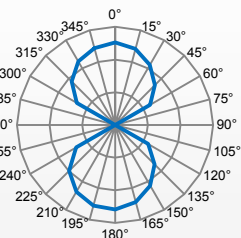
	ADHESIVE LABEL
Antenna material	Aluminum
Front face material	White TT printable paper White TT printable plastic
Back face material	-
Adhesive	Solvent-free permanent acrylic adhesive
Final inspection	100% tested, defective tags marked

## 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 Alien Higgs 3 tag silicon.

Orientation sensitivity



Test set-up



## DELIVERY CONDITIONS

	ADHESIVE LABEL
Packaging	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	3 500 pcs
Minimum order quantity	One roll

## CERTIFICATIONS & APPROVALS

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