EM4305
ABS RFID Key Fob Tag

LF **ISO/IEC 11784** **ISO/IEC 11785**

Key Features

Operating Frequency
LF 125KHz

Chip Type
EM4305

International Standard
ISO/IEC 11784, ISO/IEC 11785, animal Identification according to ISO/IEC 11785 (FDX-B)

EEPROM Memory
512 bits

R/W Availability
R/W

Certificate
WEEE directive

Characteristics
Waterproof

1.   Product Overview

The compact and portable ABS RFID key-fob tag, equipped with the LF EM4305 chip, can be used in multiple scenarios such as access control systems, time and attendance tracking, asset tracking, loyalty programs, personal identification, pet identification, etc.

2.   Product Parameters

2.1 Physical Characteristics

SKU	AZKF-EM4305-ABS					
Material	ABS					
Model No.	ABS-01	ABS-02	ABS-03	ABS-06	ABS-08	ABS-08 (slotless)
Size	44×31×5mm	35×28×4.8mm	40×32×3.8mm	51×32×5.9mm	37×30×8mm	37×30×8mm
Color	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black ● Brown ○ White ● Light Green	● Red ● Yellow ● Blue	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black ● Light Green	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black ● Light Green
Weight	5g/piece	4g/piece	4g/piece	5.5g/piece	5g/piece	5g/piece

2.2 Packaging

Format	Packed in box					
Quantity	50 pieces/bag, 1500 pieces/carton	100 pieces/bag, 2500 pieces/carton	100 pieces/bag, 2500 pieces/carton	50 pieces/bag, 1500 pieces/carton	50 pieces/bag, 2000 pieces/carton	50 pieces/bag, 2000 pieces/carton
Carton Dimension	49×24×20cm					
Weight	N.W. 7.5KG/carton, G.W. 8.5KG/carton	N.W. 10KG/carton, G.W. 11KG/carton	N.W. 10KG/carton, G.W. 11KG/carton	N.W. 8.25KG/carton, G.W. 9KG/carton	N.W. 10KG/carton, G.W. 11KG/carton	N.W. 10KG/carton, G.W. 11KG/carton

RFID Tag

2.3 Technical Parameters

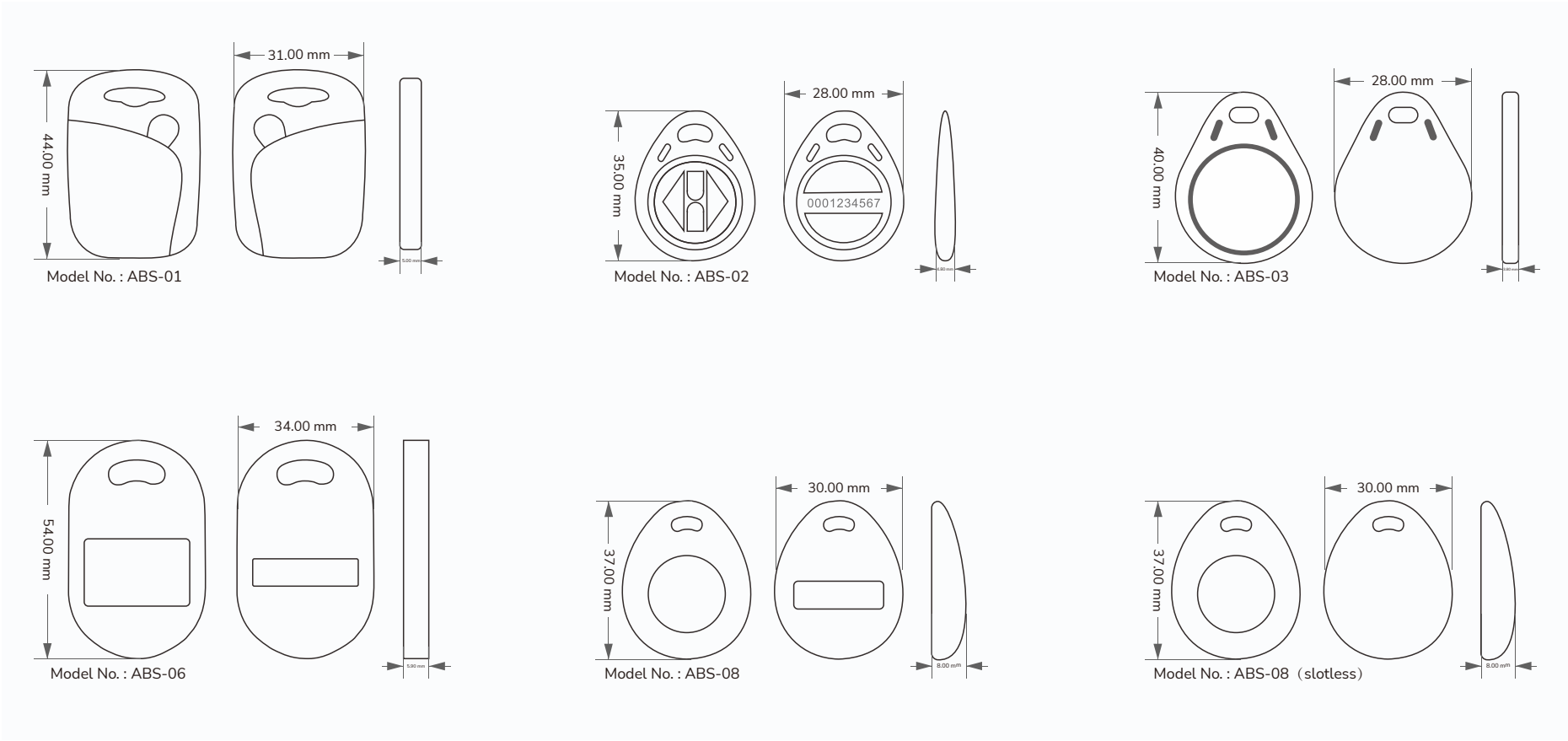| Operating Frequency	125KHz
Communication Protocol	ISO/IEC 11784, ISO/IEC 11785, animal Identification according to ISO/IEC 11785 (FDX-B)
UID	32 bit
Reading Distance	0-10m
Capacity	512 bits

2.4 Chip Characteristics

Chip Manufacturer	EM Microelectronic
Chip Type	EM4305
R/W Availability	R/W
Data Retention	10 years
Write Endurance	100,000 times

2.5 Additional Information

Operating Environment	-20°C to +80°C
Application	Access Control Systems | Time and Attendance Tracking | Asset Tracking | Loyalty Programs | Personal Identification | Pet Identification, etc.

3.   Size and Specification Drawing

Model No. : ABS-01

Model No. : ABS-02

Model No. : ABS-03

Model No. : ABS-06

Model No. : ABS-08

Model No. : ABS-08（slotless）