

NXP NTAG® 216

NFC LED Wristband

AZ-N216-FLW



Key Features

Operating Frequency
13.56MHz
Chip Type
NXP NTAG®216
International Standard
ISO/IEC 14443-A, NFC NFC Forum Type 2
EEPROM Memory
924 bytes
User Read/Write Area
888 bytes

1. Product Overview

The NTAG® 216 NFC LED Wristband is an innovative product that combines LED lighting with NFC functionality, making it perfect for concerts, parties, and other event venues. It is constructed from durable ABS and silicone/TPU materials, ensuring comfort while being rugged and resilient. This wristband features 15 LED light colors and 17 flashing modes, creating a unique visual effect. With built-in NFC technology, this wristband can serve not only as an admission ticket but also facilitate social interaction and enhance participation. Powered by two CR2032 button batteries, it provides 8 to 10 hours of usage time, making it an ideal accessory for modern social events.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZ-N216-FLW			
Model No.	FLW-01	FLW-02	FLW-03	FLW-04
Material	ABS Shell + Silicone Band	ABS Shell + Silicone Band	ABS Shell + TPU Band	ABS Shell + Silicone Bandd
Size	Wristband length: 16cm ABS shell: 3×5.5cm	Wristband length: 13-19cm ABS shell: 3×5.5cm	Wristband length: 13-19cm ABS shell: 3×5.5cm	Wristband length: 15.5cm ABS shell: 2.5×7cm
Wristband Type	Non-adjustable	Adjustable	Adjustable	Non-adjustable
Weight	26.5g/pc	31.7g/pc	29.9g/pc	25g/pc
Wristband Color	White	White	Transparent band and white shell	White
LED Light Duration	10 hours of continuous light	10 hours of continuous light	10 hours of continuous light	8hours of continuous light
LED Light Colors	15 colors			
Lighting Mode	Constant light + 17 flashing modes			
Battery	2*CR2032 button batteries			
Customization	Logo printing available			



2.2 Technical Parameters

Operating Frequency	13.56 MHz
Communication Protocol	ISO/IEC 14443-A, NFC Forum Type 2
Communication Rate	106 kbit/s
Operating Distance	Up to 100mm
Input Capacitance	50 pF

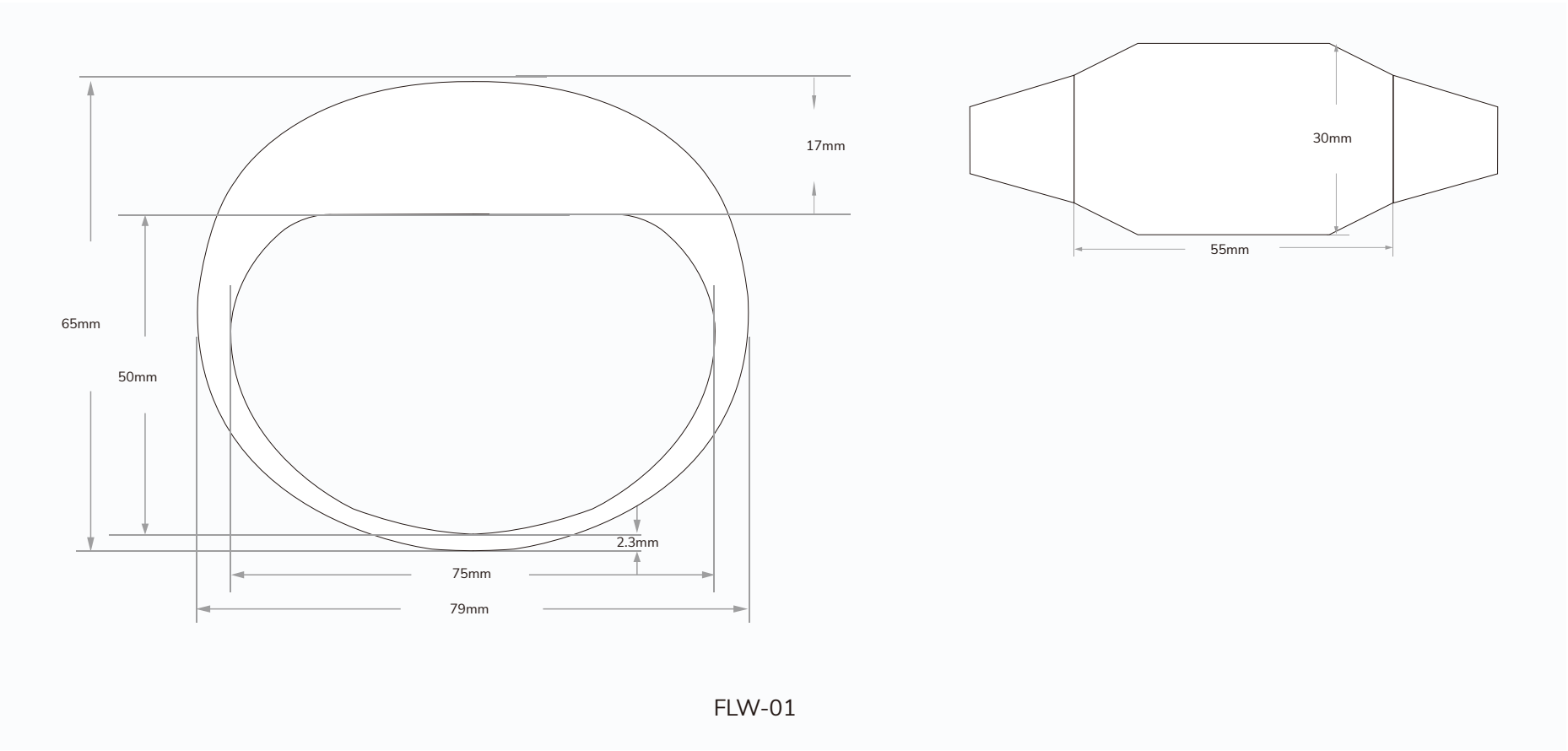
2.3 Chip Characteristics

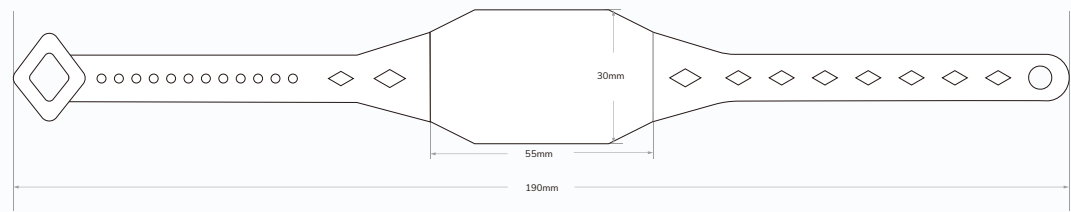
Chip Manufacturer	NXP®
Chip Type	NTAG® 216
EEPROM	924 bytes
Unique Serial Number	7-byte UID
Initialized Capability Container	4 bytes
User Read/Write Area	888 bytes
Memory Access Protection	32-bit password
Originality Signature	ECC-based
Write Endurance	100,000 times
Data Retention	10 years
Organization	924 bytes organized in 231 pages with 4 bytes per page
Anticollision	Support

2.4 Packaging Information

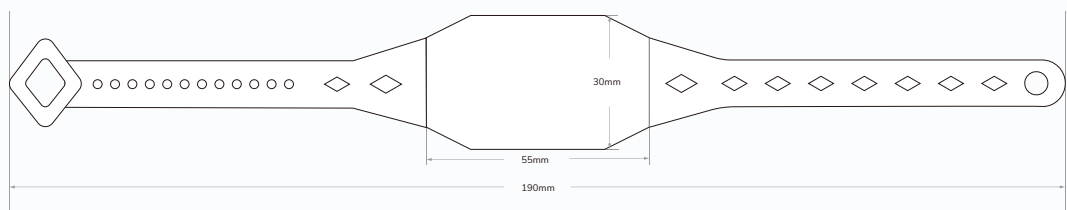
Model No.	FLW-01	FLW-02	FLW-03	FLW-04
Packing Weight	Net weight: 11kg Gross weight: 12kg	Net weight: 13kg Gross weight: 14kg	Net weight: 13kg Gross weight: 14kg	Net weight: 10kg Gross weight: 11kg
Packing Quantity	200pcs/inner box, 400pcs/outer carton			
Carton dimension	49×29×29cm			

3. Size and Specification Drawing

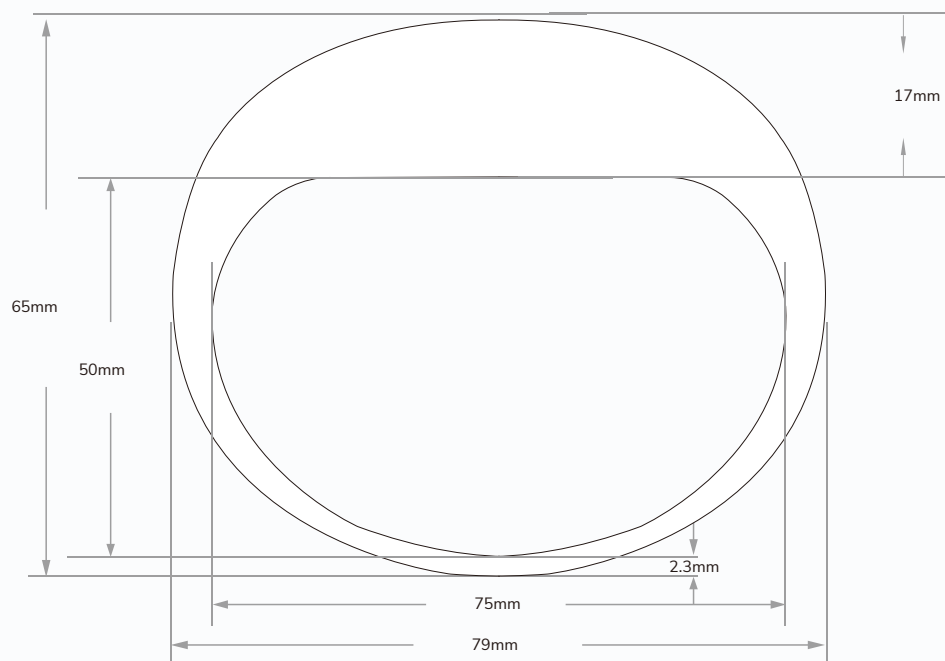




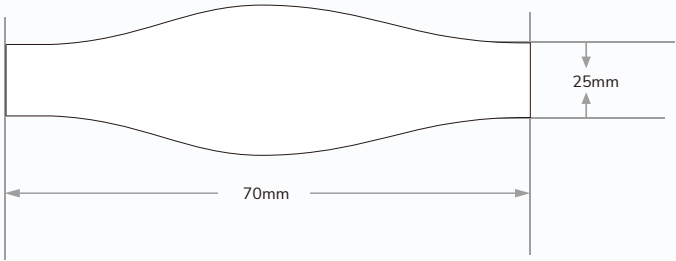
FLW-02



FLW-03



FLW-04



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