

# NXP NTAG® 213

## NFC LED Wristband

AZ-N213-FLW



### Key Features

<b>Operating Frequency</b>	13.56MHz
<b>Chip Type</b>	NXP NTAG®213
<b>International Standard</b>	ISO/IEC 14443-A, NFC Foru-Type 2
<b>EEPROM Memory</b>	180 bytes
<b>User Read/Write Area</b>	144 bytes

### 1. Product Overview

The NTAG® 213 NFC LED Wristband is an innovative product that integrates NFC technology with LED lights. Constructed from ABS and silicone/TPU, it is lightweight and comfortable to wear. The wristband is powered by two CR2032 button batteries, providing a usage time of 8 to 10 hours. With 15 LED light colors and 17 flashing modes, it is perfect for creating an atmosphere at events such as concerts and parties. Additionally, NFC technology enables functionalities like ticketing and social networking.

### 2. Product Parameters

#### 2.1 Physical Characteristics

SKU	AZ-N213-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

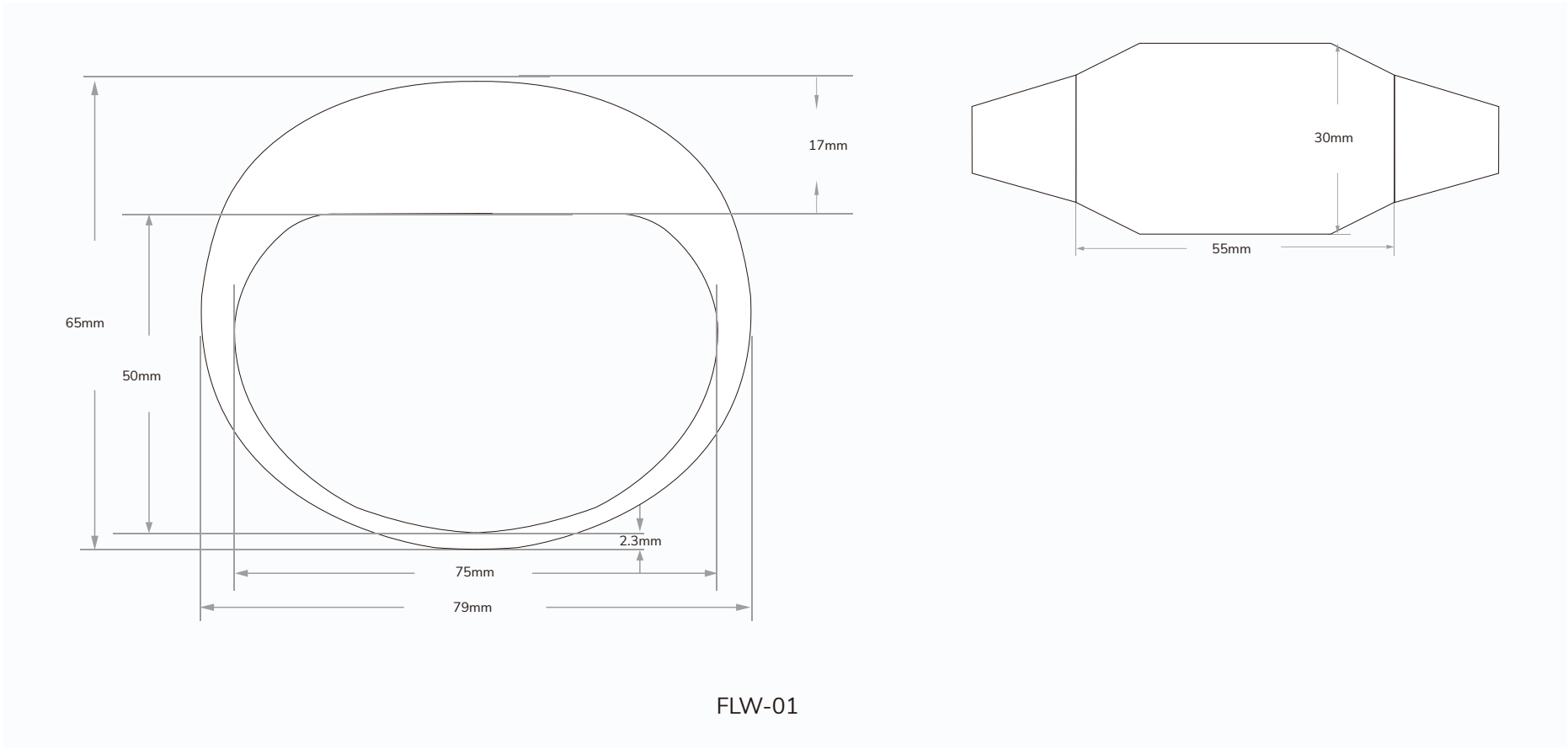
2.3 Chip Characteristics

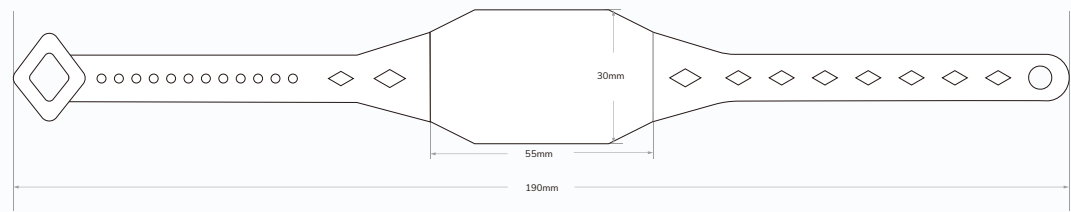
Chip Manufacturer	NXP®
Chip Type	NTAG® 213
EEPROM	180 bytes
Unique Serial Number	7-byte UID
Initialized Capability Container	4 bytes
User Read/Write Area	144 bytes
Memory Access Protection	32-bit password
Originality Signature	ECC-based
Write Endurance	100,000 times
Data Retention	10 years
Organization	180 bytes organized in 45 pages with 4 bytes per page
Anticollision	Support

2.4 Packaging Information

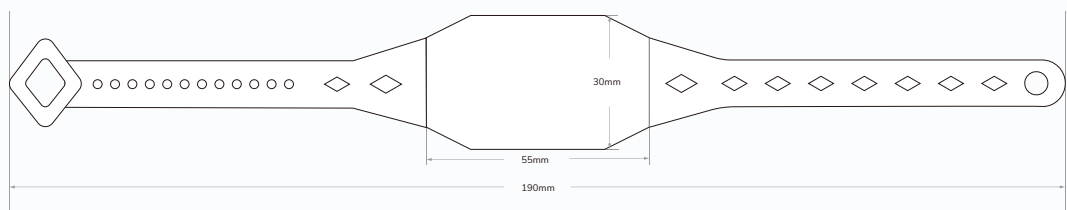
Model No.	FLW-01	FLW-02	FLW-03	FLW-04
Packing Weight	Net weight: 11kg Gross weight: 12kg	Net weight: 13kg Gross weight: 14kg	Net weight: 13kg Gross weight: 14kg	Net weight: 10kg Gross weight: 11kg
Packing Quantity	200pcs/inner box, 400pcs/outer carton			
Carton dimension	49×29×29cm			

3. Size and Specification Drawing

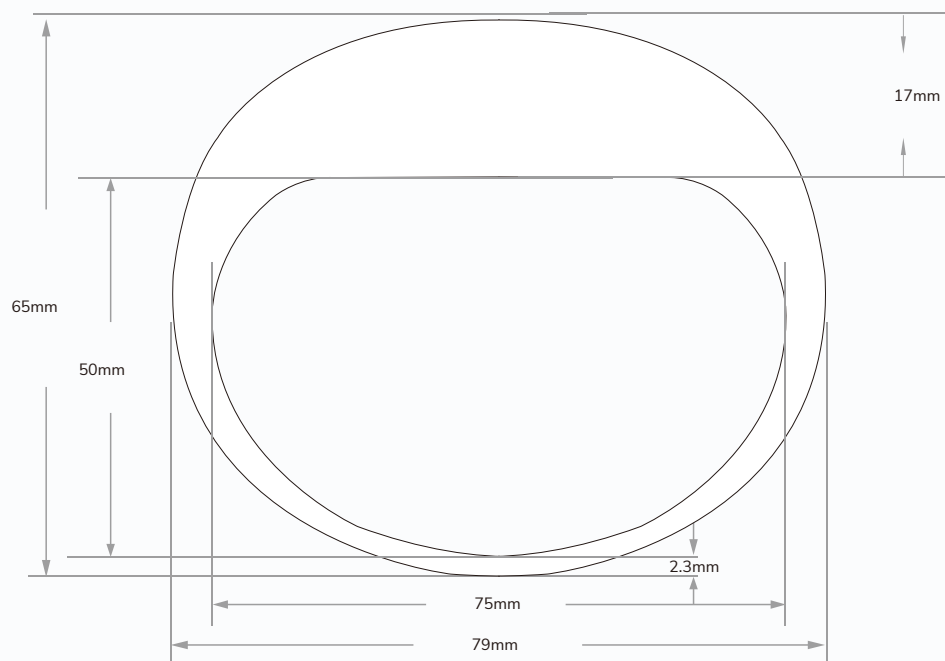




FLW-02



FLW-03



FLW-04

