



Body Worn Camera

Vigilant Eye 2.0

Specification (Version 1.1)



Modification Record

Version	Modification Details	Editor	Approver	Signer
V1.0	Initial release	Mandy Xu		
V1.1	Modify power consumption	Mandy Xu		

Catalog

- Modification Record1**
- Preface3**
 - Symbol Explanation 4*
 - Abbreviation Explanation 4*
- Product Overview5**
 - Product Introduction 5*
 - Product Features5*
- Specification 6**
- Product Appearance and Component Names9**
- Dimension Diagram10**

Preface

- **About the Specification**

The Specifications provide details on the components and parameters of the vigilant eye 2.0 products. All content, including text, images, and graphics, is owned by Shenzhen Streamax Technology Co., Ltd. No part of this document may be reproduced, extracted, or modified without prior written consent from the company. The Specifications are provided without any warranties unless otherwise stated.

This document is intended for authorized users and technical support personnel. The product images and screen content are for reference only, and the actual product (including appearance, color, size) may vary. Please refer to the physical product for accurate details.

The data in this document are theoretical values based on testing in Streamax Technology's internal lab. Actual performance may vary due to factors like product differences, software versions, usage conditions, and environment.

Streamax may update or adjust the Specifications from time to time to reflect changes in the product's performance, features, or components, without prior notice.

- **Trademark Notice**

 is a registered trademark of Shenzhen Streamax Technology Co., Ltd. All other trademarks are the property of their respective owners.

- **Responsibility Disclaimer**

The products described in this document are provided "as is" with no warranties, express or implied, including but not limited to merchantability or fitness for a particular purpose. Streamax is not liable for any damages, including loss of profits, data, or documentation, resulting from the use of the product or Specifications.

Streamax is not responsible for security risks such as cyber-attacks, hacking, or virus infections when the product is connected to the internet. However, we will provide technical support as needed.

You agree to comply with all applicable laws when using this product. Streamax is not liable for any misuse of the product or any violation of third-party rights.

In case of conflict between the Specifications and applicable laws, the laws will take precedence.

Copyright © 2025 Shenzhen Streamax Technology Co., Ltd. All rights reserved.

Symbol Explanation

The following symbols are used to categorize and explain potential hazards that may arise from improper operation

Symbol	Explanation
	Warning: Conditions that could jeopardize the safety of the user or cause injury
	Important: Conditions that may lead to data corruption or damage to the device's firmware or hardware
	Note: Additional information, explanations of terms, and other relevant details

Abbreviation Explanation

Acronym	Full Name
BWC	Body Worn Camera
NFC	Near Field Communication

Product Overview

Product Introduction

Vigilant Eye 2.0 is our latest upgraded law enforcement body camera, it is designed to meet your strict requirements for reliability and performance while performing your duties. Vigilant Eye 2.0 has undergone significant improvements over its predecessor Vigilant Eye 1.0, offering longer battery life, more convenient user experience, and stronger functionality.

Product Features

- Support replacing the battery without using the tools
- Support 12H 1080P recording +GPS
- Support charging with USB-C cable
- Embed Klick Fast connector
- Live Streaming via embedded LTE
- Field hot swap battery with built-in 2 minutes battery while switching
- Seamlessly integrated with in-car system Sensors
- Pre-event recording (up to 120s)
- NFC tag to facilitate communications and interactions between BWC and In-Car system
- Camera Display screen indicates device status and activity
- Built-in WiFi/GPS/BT/NFC
- Support stealth mode
- APP Support - allows video playback and add metadata tags
- WDR and retina Low-Light capability less than 0.1 lux
- Support multiple mounting options

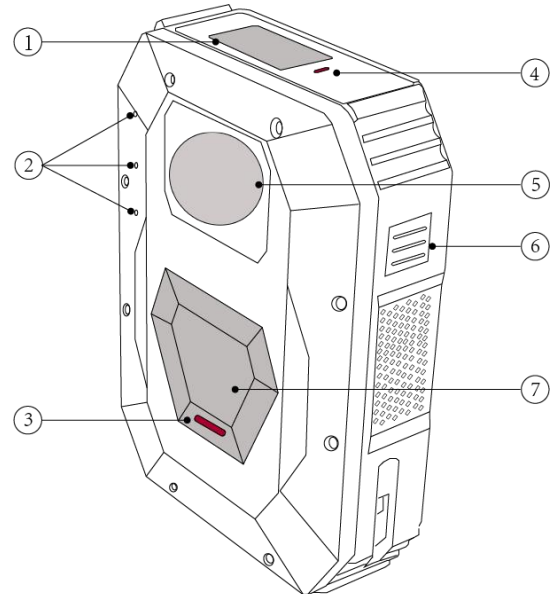
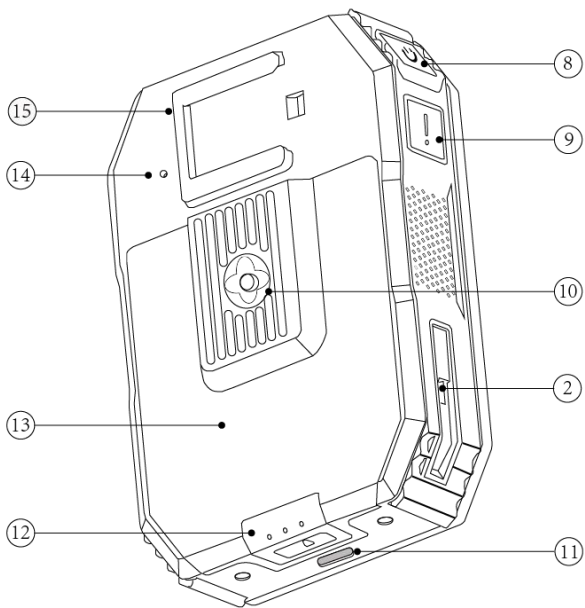
Specification

General				
System	Embedded Linux			
Language	Default: English			
Video				
Resolution	1080P/720P/D1			
Pre-event Recording	User configurable up to 120 seconds			
Live Streaming	Embedded LTE / WiFi			
Video Compression	H.265/H.264			
In-field Playback	Support via mobile APP			
Encryption	AES-256			
Water Mark	Officer ID&Name, Time&Date, GPS, Agency Name, Logo image			
Activation Prompt	Audible, Visual, and Buzzer			
Audio				
Audio Input	4 Mic			
Mic Mute	Yes			
Pre-event Recording	Yes			
Parameters of lens				
Sensor Type	SC200AI(1/2.8'')_1920*1080			
Lens	Focal Length: 2.8mm HFOV: 125° ; VFOV:65° ; DFOV:150° ; Deviation:±5°			
Minimum Illuminance	0.01lux			
Display Screen				
Dimension	0.85 (L) * 0.43 (W) inch			
Resolution	80 * 160 pixels			
LED Status				
Indicator Light	Status	Off	On	Flashing
Record Indicator	/	No recording	● Recording	/
Status Indicator	On dock	Shutdown	● Charging ● Full charged	● Live view ● Full charged, not connect to server
	Off dock	Shutdown	● Standby mode ● Wi-Fi AP mode ● Recording ● Mute	● Live view
Network				
4G	Yes			
WiFi	802.11 b/g/n/ac at 5 GHz and 2.4 GHz WIFI AP and Client mode			
Bluetooth	BT2.1 / BT5.0			
NFC	Yes			

Button Functions		
Button	Pressing Mode	Description
Power button	Press	Power on when in the power-off status
	Press and hold (3S)	LCD screen is on display when in the power-on status
	Press and hold (10S)	System reset
Record button	Press one time or double press.(Configurable)	Press the button in the standby status: activating the recording Press the button in the power-off status: powering on and activating the recording
	Press and hold (3S)	Stop recording
FN(function) button	Double-press	Activating (deactivating) mute (During BWC recording)
	Press and hold (3S)	Activating (deactivating) AP
M(mark) button	Press	Marking videos (during recording)
	Press and hold (3S)	SOS alarm recording (Alarm send to VEMS under 4G or wifi)
M+FN	Press and hold (3S)	Activating and deactivating the stealth mode
Reset button	Press	System reset
FN+Power	Press	Turn on / off the Privacy Mode
Battery		
Battery Capacity	4000mAh(main)、80mAh	
Battery Weight	2.54oz (72g)	
Recording Capacity	12h (1080P+GPS)	
Charging Time	≤ 4h	
Storage		
Capacity	Built-in TF card: 64GB/128GB/256GB	
USB Charging		
Charging by dock	12V 2A	
Charging power consumption by dock	11W	
Charging by adaptor	5V 3A; 9V 2A; 12V 2A; 5V 2A(longer charging time)	
Charging power consumption by adaptor	10W	
Physical Property		
Dimension	2.76 (L) *1.09 (W) *3.99 (H) inch	
Combined Weight	≈8.29oz (235g)	
Operation Temperature Range	-4 ~ 122°F (-20 ~ 50℃)	
Storage Temperature Range	-4 ~ 95°F (-20 ~ 35℃) Recommend 70 ~ 75°F (21 ~ 24℃)	
Charging Temperature Range	32 ~ 122°F (0 ~ 50℃)	
Drop Test	6 feet (1.8 meters)	
Operating Humidity	95% non-condensing	
Ingress Protection Rating	IP67	
MIL SPEC	MIL-STD-810G	

Accessories	
Standard Accessories	Standard Alligator Clip
Optional	Single or Multi-Dock, Magnetic Clip, Spare Battery

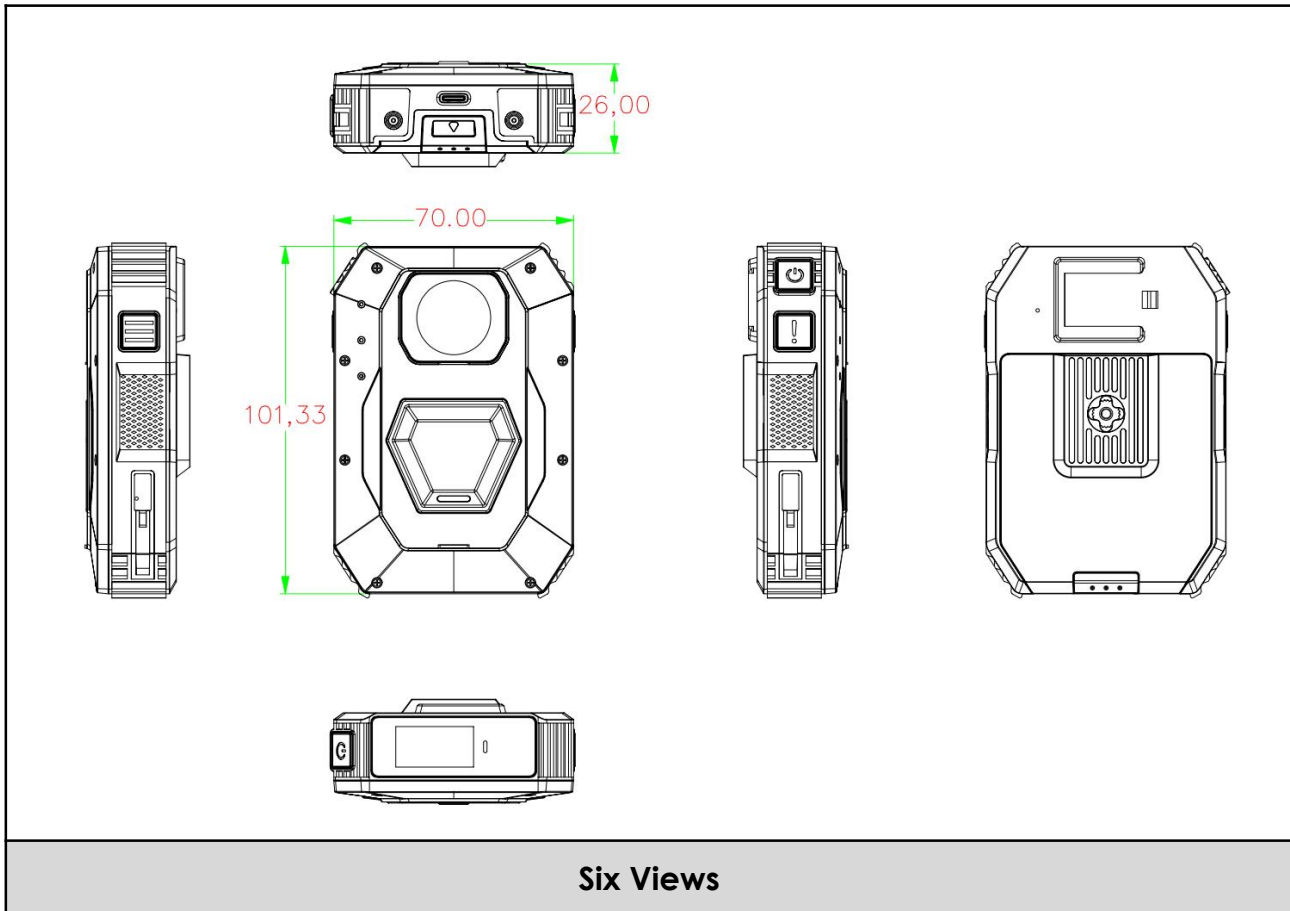
Product Appearance and Component Names



No.	Components	No.	Components
1	LCD Screen	2	Microphone
3	Record LED Light	4	Status LED Light
5	Camera	6	Function Button
7	Record Button	8	Power Button
9	Mark Button	10	Klick Fast Connector
11	USB-C Interface	12	Battery Cover Latch
13	Battery Cover	14	Buzzer Hole
15	Alligator Clip U-shaped groove		

Dimension Diagram

(Unit: mm)



Special Instructions

- It is recommended to recharge the inventory equipment once every 3 months.
- It is recommended not to charge unused equipment for a long time.
- After the device is soaked in water, the surface water stains need to be wiped off as soon as possible, and the USB-C needs to be dried (such as using a hair dryer to dry the water vapor on the USB-C interface).