



## Introduction

S5 PLUS action camera is for professional users, with 4K 30fps video recording capability and 12MP photo quality. 30 photos/s burst mode makes it possible to catch more details during fast moving. For night or low-light environment, our max. 30-second exposure allows more possibility to discover interesting details in darkness. Max. 5 minutes interval can be set during time lapse mode.

Besides, in S5 PLUS there're high-resolution touchable screen and super aspheric lens. 1200mAh replaceable battery coupled with low battery consumption technology extend your use and enjoyment..Our innovative EIS (electronic stability system) and distortion correction technology is used to ensure a smooth and pleasant experience during video recording.

## Key Features

|   |
|---|
| Ultra HD 4K 30FPS Video                     |
| Support 2.4GHz & 5G Wi-Fi (IEEE802.11ac)    |
| Electronic Image Stabilization              |
| Built-In G-Sensor                           |
| Built-In Dual Mic Noise Reduction           |
| Support Micro SD card slot, up to 128GB     |
| Waterproof housing 40m                      |
| Distortion Correction                       |
| Built-In Touchable IPS Screen (Res:320*480) |
| Battery Capacity 1200mAh                    |



## Dimension



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## OPTIONAL COLOR

GLOSSY BLACK



GLOSSY CHAMPAGNE



# SPECIFICATION

|                         |  |  |                                 |                    |                        |
|-------------------------|--|--|---------------------------------|--------------------|------------------------|
| Video                   | Video Format   | Resolution   | NTSC(fps)                       | PAL(fps)           | Field Of View          |
|                         |  | 4K SuperView   | 30                              | 25                 | Wide                   |
|                         |  | 4K   | 24/30                           | 24/25              | Wide                   |
|                         |  | 2.7k Superview   | 30                              | 25                 | Wide                   |
|                         |  | 2.7K   | 24/30/48/60                     | 24/25/48/50        | Wide/Medium            |
|                         |  | 2.7K 4:3   | 30                              | 25                 | Wide                   |
|                         |  | 1440P  | 24/30/48/60/80                  | 24/25/48/50/80     | Wide                   |
|                         |  | 1080P Super-View   | 24/30/48/60/80                  | 24/25/48/50/80     | Wide                   |
|                         |  | 1080P  | 24/30/48/60/90/120              | 24/25/48/50/90/120 | Wide/Medium/<br>Narrow |
|                         |  | 960P   | 60/120                          | 50/120             | Wide                   |
|                         |  | 720P SuperView   | 60/120                          | 50/120             | Wide                   |
|                         |  | 720P   | 30/60/120/240                   | 25/50/120/240      | Wide/Medium/<br>Narrow |
|                         |  | WVGA   | 240                             | 240                | Wide                   |
|                         |  | H.264 BP/MP/HP Level 5.1 With MP4 Muxer File Format  |                                 |                    |                        |
|                         | Record Mode  | Video、Video+Photo  |                                 |                    |                        |
| Low Light               | Auto Adjust Frame Rate for enough exposure time purpose                |  |                                 |                    |                        |
| Distortion Cor-<br>rect | Better X/Y Correct   |  |                                 |                    |                        |
| EIS                     | Advanced EIS with X/Y/Z+rotation correct                               |  |                                 |                    |                        |
| HiLight Tag             | High Light Important Time,used for Post processing                     |  |                                 |                    |                        |
| Loop Mode               | To set up the storage mode according to the time interval set          |  |                                 |                    |                        |
| Single                  | Photo Size   | 12MP Wide、7MP Wide、7MP Medium、5MP Wide   |                                 |                    |                        |
|                         | Night  | 2s、5s、10s、15s、20s、30s  |                                 |                    |                        |
|                         | Distortion Cor-<br>rect  | Better X/Y Correct   |                                 |                    |                        |
|                         | Meter Mode   | Center、Average、Spot  |                                 |                    |                        |
|                         | Protune  | White Balance、ISO、Sharpness、Ev Comp、Color Pattern  |                                 |                    |                        |
| Burst                   | Photo Size   | 12MP Wide、7MP Wide、7MP Medium、5MP Wide   |                                 |                    |                        |
|                         | Burst Rate   | 30 pictures 1 second<br>30 pictures 2 seconds<br>30 pictures 3 second<br>10 pictures 1 seconds<br>10 pictures 2 second<br>10 pictures 3 second<br>5 pictures 1 second (default)<br>3 pictures 1 second |                                 |                    |                        |
|                         | Distortion Cor-<br>rect  | Better X/Y Correct   |                                 |                    |                        |
|                         | Meter Mode   | Center、Average、Spot  |                                 |                    |                        |
|                         | Protune  | White Balance、ISO、Sharpness、Ev Comp、Color Pattern  |                                 |                    |                        |
|                         | Timelapse  | Shutter Mode   | Timelapse Photo、Timelapse Video |                    |                        |
| Photo Size              |  | 12MP Wide、7MP Wide、7MP Medium、5MP Wide   |                                 |                    |                        |
| Video Resolution        |  | 4K SuperView、4K、2.7k Superview、2.7K 4:3、1440P、1080P SuperView<br>1080P、960P、720P SuperView、720P、WVGA   |                                 |                    |                        |
| Shutter Interval        |  | 1s、3s、5s、10s、30s、60s、120s、300s   |                                 |                    |                        |
| Meter Mode              |  | Center、Average、Spot  |                                 |                    |                        |
| Night                   |  | 2s,5s,10s,15s,20s,30s  |                                 |                    |                        |
| Distortion Cor-<br>rect |  | Better X/Y Correct   |                                 |                    |                        |
| Protune                 |  | White Balance、ISO、Sharpness、Ev Comp、Color Pattern  |                                 |                    |                        |
| Playback                | Decode Photo and Video Files in sd Card and Display it via LCD or HDTV |  |                                 |                    |                        |

|                                      |   |   |   |  |
|--------------------------------------|---|---|---|--|
| Setup                                | View  | Up、Down、Auto  |   |  |
|                                      | Default Mode  | Video、Single、Burst、Timelapse  |   |  |
|                                      | Driving Mode  | The camera automatically starts and Shutter after the camera detects the motion   |   |  |
|                                      | Vout Mode   | Switching HDMI HD output and AV analog output   |   |  |
|                                      | LED   | Set it on or off  |   |  |
|                                      | Beeps   | Set the Gain of Beeps or Turn it off  |   |  |
|                                      | OSD   | Turn on screen display on or off  |   |  |
|                                      | Quickly Capture   | Camera will Fastest speed boot and start shutter  |   |  |
|                                      | Auto Off  | Set Auto Power Off Time   |   |  |
|                                      | Date And Time   | Set Date And Time   |   |  |
|                                      | Mic Gain  | Set The Gain of Mic   |   |  |
|                                      | Speaker Gain  | Set The Gain of Speaker   |   |  |
|                                      | Camera Reset  | Reset Camera to default Settings  |   |  |
| Wireless                             | BLE 4.1   | Embedded bluetooth4.1   |   |  |
|                                      | WIFI  | 802.11ac、support 2.4G and 5G  |   |  |
|                                      |   | App&Remote  | Select connect Mode with Mobile App Or Wifi Remoter |  |
|                                      |   | SSID  | Support SSID Modify with Mobile App                 |  |
|                                      |   | KEY   | Support KEY Modify with Mobile App                  |  |
| RESET                                | Reset SSID and KEY to system default  |   |   |  |
| Display                              | HDMI  | Display With  |   |  |
|                                      | AV  | AV output Use USB Interface   |   |  |
|                                      | Embedded LCD  | 480x320 IPS Screen With Touch Pannel  |   |  |
| Lens Specification                   | 1/2.33" CMOS<br>Full glass lens for high image quality, 3mm@f2.8 158°Ultra-wide angle of view with less distortion  |   |   |  |
| Platform                             | Ambarella new generation Video Processor, using advanced 28-nm silicon technology   |   |   |  |
| Memory                               | 8Gb LPDDR3、2Gb Nand Flash   |   |   |  |
| Sensor                               | Sony new generation video sensor for sport dv   |   |   |  |
| Battery                              | Battery Type  | Replaceable、Rechargeable li-ion battery   |   |  |
|                                      | Battery Parameters  | 1200mAh   |   |  |
|                                      | Battery Life  | 2 hours (Varies with different video mode)  |   |  |
| Audio                                | 48kHz (sampling), AAC compression<br>Advanced AGC (automatic gain control)<br>Build-in two microphone for wind noise reduce<br>Single track<br>Beeps for shutter notify |   |   |  |
| Interface                            | Micro USB3.0  | For charging when connect with power cable;<br>For playback/file transportation/charging when connecting with PC;<br>AV output                      |   |  |
|                                      | Micro HDMI  | For play on HDTV via HDMI cable   |   |  |
|                                      | MicroSD   | Storage card  |   |  |
| Storage                              | Standard  | Class 10 or up to UHS-1 level Micro SD storage card   |   |  |
|                                      | Capacity  | 4GB、8GB、16GB、32GB、64GB、128GB  |   |  |
|                                      | Recording Time  | Varies with different resolution and frame rate   |   |  |
| IMU                                  | G_sensor/Gyro   | For EIS、Driving Mode、Motion Awake   |   |  |
| Photo/Video Preview/Playback / Setup | App for Mobile Device   | For iOS and Android system<br>Live view, playback, recording, configuration, video file editing, and one-touch share to social media are supported. |   |  |
| Protection Grade                     | Camera  | 40 meters diving with water-proof case  |   |  |
|                                      | Remote  | IP67  |   |  |
| Operating Conditions                 | Temperature: -20° C to 45° C;   |   |   |  |
| Dimensions                           | 58mm(W)×45mm(H)   |   |   |  |
| Weight                               | About 99.7g   |   |   |  |