

# PCAM-1600

4MP f4.29mm Body Worn with IR LED 10m,  
WDR 120dB



- 4 Megapixel, f4.29mm, Body Worn
- IR LED 10m, Superior WDR (120 dB)
- Weatherproof (IP68)

## ► Specifications

### Product Profile

|                          |                        |
|--------------------------|------------------------|
| Product Type             | Body Worn              |
| Application Environment  | Outdoor                |
| Maximum Resolution       | 4MP                    |
| Image Sensor             | Progressive Scan CMOS  |
| Day / Night              | Yes                    |
| Low Light Sensitivity    | Standard               |
| Minimum Illumination     | Color: 0.1 lux at F1.2 |
| Mechanical IR Cut Filter | No                     |
| IR LED                   | IR LED                 |
| IR Working Distance      | 10m                    |

### Lens

|                          |                      |
|--------------------------|----------------------|
| Focal Length             | Fixed focal, f4.29mm |
| Aperture                 | F2.5                 |
| Horizontal Viewing Angle | 150°                 |

### Video

|             |              |
|-------------|--------------|
| Compression | H.265, H.264 |
|-------------|--------------|

|                                   |                                                                                      |
|-----------------------------------|--------------------------------------------------------------------------------------|
| Maximum Frame Rate vs. Resolution | 30 fps at 2560 x 1440 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 848 x 480 |
| Multi-Streaming                   | Single stream                                                                        |
| Wide Dynamic Range                | Superior WDR (120 dB)                                                                |
| Image Enhancement                 | Gyro-based Image Stabilizer                                                          |

## Image

|                  |                                        |
|------------------|----------------------------------------|
| Image Resolution | 40MP, 36MP, 21MP, 16MP, 14MP, 8MP, 4MP |
| Image Format     | JPG                                    |

## Audio

|                   |                                              |
|-------------------|----------------------------------------------|
| Audio Type        | 2-way, Built-in Microphone, Built-in Speaker |
| Audio Compression | MP3                                          |

## Network

|                            |                                                        |
|----------------------------|--------------------------------------------------------|
| Network Protocol & Service | RTSP                                                   |
| Security                   | Password protected user level, AES256 Video Encryption |

## Recording

|             |                                       |
|-------------|---------------------------------------|
| Pre Record  | Support 1080P pre recording for 1 min |
| Post Record | Support post recording for 30 mins    |

## Search & Playback

|              |     |
|--------------|-----|
| Video Export | MP4 |
|--------------|-----|

## Event

|               |                                                        |
|---------------|--------------------------------------------------------|
| Event Trigger | Shock Detection (Built-in G-sensor), Low battery alarm |
|---------------|--------------------------------------------------------|

## System

|            |                                                        |
|------------|--------------------------------------------------------|
| System Log | Support                                                |
| USB        | 1-Port USB Type C, supports data transfer and charging |
| Language   | Multi-Language                                         |

## Integration

|                 |           |
|-----------------|-----------|
| ONVIF Compliant | Profile S |
|-----------------|-----------|

## Battery

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Battery Type              | Lithium-ion battery                               |
| Battery Capacity          | 4000mAh                                           |
| Continuous Recording Time | up to 16 hours (1080p, 30 fps, power saving mode) |
| Battery Charging Time     | 4hours                                            |

## Interface

|                  |                                                         |
|------------------|---------------------------------------------------------|
| Indicator        | LED, Warning Sound Prompt                               |
| Operating Button | Reset Button, Record button, Power Button, Function Key |

**General**

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Power Source          | Rechargeable Lithium-ion Battery                          |
| Weight                | 143g (0.32lb)                                             |
| Dimensions            | (L x W x H): 75mm x 51mm x 33.2mm (3.00" x 2.01" x 1.31") |
| Environmental Casing  | Weatherproof (IP68), Drop resistant (2 meters)            |
| Bundled Accessories   | 5V/2A Charger, USB cable, Back clip, Docking base         |
| Operating Temperature | -20°C ~ 60°C (-4°F ~ 140°F)                               |
| Material              | ABS+PC                                                    |
| Warranty              | 1 Year(s)                                                 |