

## Model: Pluto1.3C



| Part Number                                 |                                                                    | Pluto1.3C                                                                                                                 | Pluto1.3CW    |
|---------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------|
| Image Sensor                                | Pixels                                                             | 1.3M                                                                                                                      | 1.3M          |
|                                             | Resolution                                                         | 1280*1024                                                                                                                 | 1280*1024     |
|                                             | Frame Rate@Full Resolution                                         | 180FPS                                                                                                                    | 180FPS        |
|                                             | Frame Rate@Partial Resolution                                      | Not Supported                                                                                                             | Not Supported |
|                                             | Frame Rate Adjustment                                              | Adjustable                                                                                                                | Adjustable    |
|                                             | Latency(ms)                                                        | 5.50                                                                                                                      | 5.50          |
|                                             | Type of Exposure                                                   | global                                                                                                                    | global        |
|                                             | Exposure Speed                                                     | Settable                                                                                                                  | Settable      |
| Track Performance and Range                 | Accuracy                                                           | ±0.4mm                                                                                                                    | ±0.5mm        |
|                                             | Observation Distance(with 15mm diameter markers) <sup>[1][2]</sup> | 8m                                                                                                                        | 6m            |
|                                             | Active Marker Supported                                            | Yes                                                                                                                       | Yes           |
| Camera                                      | Lens Specification                                                 | 5.3mm                                                                                                                     | 3.18mm        |
|                                             | Field of View(FOV)                                                 | 56°*46°                                                                                                                   | 95°*74°       |
|                                             | Aperture Adjustable                                                | No                                                                                                                        | No            |
|                                             | Focus Adjustable                                                   | Yes                                                                                                                       | Yes           |
| LEDs                                        | Number <sup>[3]</sup>                                              | 14                                                                                                                        | 14            |
|                                             | Type                                                               | HLED                                                                                                                      | HLED          |
|                                             | Brightness Adjustable                                              | Yes                                                                                                                       | Yes           |
|                                             | Wavelength                                                         | 850nm                                                                                                                     | 850nm         |
| Interface and Power Supply                  | Connection Type                                                    | GigE/POE                                                                                                                  | GigE/POE      |
|                                             | Power Consumption                                                  | 18W                                                                                                                       | 18W           |
|                                             | Sync Interface                                                     | RCA                                                                                                                       | RCA           |
|                                             | Sync Signal Output                                                 | Optional                                                                                                                  | Optional      |
| Product Appearance and Operating Conditions | Shell Material                                                     | Metal                                                                                                                     | Metal         |
|                                             | Size                                                               | 62*62*96mm                                                                                                                | 62*62*96mm    |
|                                             | Weight                                                             | 0.3Kg                                                                                                                     | 0.285Kg       |
|                                             | Mounting Hole                                                      | 1/4"                                                                                                                      | 1/4"          |
|                                             | Number of Mounting Holes                                           | 2                                                                                                                         | 2             |
|                                             | Temperature Range                                                  | -20°C to 65°C                                                                                                             | -20°C to 65°C |
|                                             | Humidity                                                           | < 80%                                                                                                                     | < 80%         |
|                                             | Outdoor                                                            | No                                                                                                                        | No            |
| Others                                      | Packaging                                                          | Eco-friendly, simple carton packaging                                                                                     |               |
|                                             | Integration                                                        | Flexible, standard network cable connections for easy adaptability to different usage scenarios                           |               |
|                                             | Heat Dissipation                                                   | Fanless passive heat dissipation structure, for silent operation, minimal dust accumulation, and optimal heat dissipation |               |

## Key Features

- Lightweight metal shell, effortless installation with versatile mounting options for diverse and challenging environments.
- Seamless integration with force plates, EMG devices, and more through TTL triggering.
- In-house research and development ensuring outstanding quality control and dedicated after-sales support.

## Note

[1] Observation distance depends on marker diameter.

[2] To increase distance, add light source, use bigger or active markers.

[3] LED number is customizable.

