MODO-VL-1080-POE

Modular Visible Light Imaging Module

Overview

1920×1080 visible light module with POE interface. Hisilicon platform, rolling shutter. RS232/RS422. DC 48V, 168×68×105mm.



1920×1080
RESOLUTION

4 µm
PIXEL PITCH

Visible Light: 0.4–0.9 µm
SPECTRAL RANGE

Key Features

Key Features

- 1920×1080 Full HD visible light imaging at 4 µm pixel pitch
- POE interface — single cable for power and gigabit video data
- Hisilicon platform — proven SoC with extensive IPC ecosystem support
- RS232/RS422 for pan-tilt-zoom and gimbal control
- Rolling shutter optimized for stationary and slow-moving scenes

Typical Applications



Security Monitoring



Machine Vision



Outdoor Night Vision



Law Enforcement

Technical Specifications

Detector & Optics

Spectral Band	Visible Light: 0.4–0.9 μm
Resolution	1920×1080
Pixel Size	4 μm / 112 μm
Compatible Lenses	Fixed-focus athermalized, Continuous zoom, Motorized focus, Dual FOV

Video & Interfaces

Video Interface	POE (Power over Ethernet)
Platform	Hisilicon
Shutter	Rolling Shutter
Communication	RS232 / RS422

Power & Physical

Power Supply	DC 48V (PoE)
Dimensions	168×68×105 mm

Specifications subject to change without notice.
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