EVIDIR alpha infrared camera modules

Small
Smart
Light
Modular
EVIDIR infrared camera modules are designed for use or for integration into OEM imaging solutions in the fields of:

- Day & night surveillance
- Drones & UAVs
- Personal assistance
- Autonomous vehicles
- Medical thermography diagnosis

**Size**

25 mm x 25 mm x 20 mm (shutterless) | 29 mm x 31 mm x 20 mm (with shutter)

**Smart Home**
- Presence monitoring
- Perimeter protection & intrusion detection
- Fire detection
- Building automation

**Smart Factory**
- Automation & process control
- Facility maintenance
- Perimeter protection & intrusion detection
- Fire detection

**Smart Farming**
- Animal & obstacle detection
- Crop monitoring
- Aerial imaging & UAVs
- Fire detection

**Smart City**
- Surveillance & public safety
- Pedestrian safety
- Vehicle detection & intersection control
- Fire detection
These features make OEM system integration of EVIDIR infrared camera modules simple and straightforward:

- Fast data processing
- Fast data porting
- Different operating system compatibility
- Plug and play connectivity

**Image Core**
- VGA
- QVGA
  - 15°, f/1.0 (QVGA)
  - 18°, f/1.0 (VGA)
  - 30°, f/1.0 (VGA/QVGA)
  - 60°, f/1.0 (QVGA)
  - 70°, f/1.0 (VGA)

**Radiometer**
- Selection up to 7 ROIs (minimal, maximal and mean temperature, emissivity)
- 9 isotherms

**Backend**
- USB 3.0
- CMOS
- Other on request

**Shutter**
- W/O

**Weight**
- 45 gram (without lens) | 71 gram (with LWIR 7.5 mm lens)

**Adapter Ring**
- for different lenses
- Lens options [HFOV, f-number]
  - 15°, f/1.0 (QVGA)
  - 18°, f/1.0 (VGA)
  - 30°, f/1.0 (VGA/QVGA)
  - 60°, f/1.0 (QVGA)
  - 70°, f/1.0 (VGA)
Features and benefits at a glance

- Small, lightweight, easy to integrate
- Modular camera platform with many options for configuration and customization
- Excellent image quality: high thermal sensitivity, low NETD, built-in image corrections
- Radiometric calibration option
- Shutterless operation option
- European infrared detector technology
- More than 30 years of experience in thermal imaging

Contact

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