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BASLER DART MIPI IMX8 ADD-ON CAMERA

Embedded Vision Kit

DAA4200-IMX8DEVKIT



- Basler dart camera with MIPI interface
- 5MP / 60fps or 13MP / 30fps
- Suitable for NXP IMX8 development platforms
- Includes optics and cables

PRODUCT DESCRIPTION

The Basler Dart MIPI IMX8 Add-on Camera Kit is a compact, high-performance embedded vision solution designed for seamless integration with NXP's i.MX 8 series development platforms.This kit includes a Basler dart camera module (available in 5 MP at 60 fps or 13 MP at 30 fps), an S-mount Evetar lens (F1.8, 6 mm focal length), a BCON for MIPI to Mini SAS adapter, and a 0.2-meter flexible flat cable.The camera utilizes a CMOS sensor with a 1/2.5" size and 2.2 µm pixel pitch, featuring a rolling shutter and MIPI CSI-2 interface, ensuring high-quality image capture for various applications.
This add-on camera kit is particularly suited for embedded vision applications in fields such as industrial automation, medical diagnostics, and smart transportation systems.Its compatibility with NXP's i.MX 8 development boards allows for efficient development and deployment of vision-based solutions.The kit's components are optimized for quick setup and integration, providing developers with a reliable and flexible platform for prototyping and implementing advanced imaging applications.

TECHNICAL DATA

3612_Pixel size (µm)	1,1
API configuration	Basler pylon
Camera model	Basler Dart
Focal length	55 mm
Frame rate max	30 fps
Interface	MIPI
Lens barrel	S-Mount
Mono/color	Color
Processor	i.MX 8
Sensor size	1/3"
Sensor supplier	ON Semiconductor
Sensor Type	CMOS
Shutter type	Rolling