OEM AUTOMATIC

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BASLER DART MIPI IMX8 ADD-ON CAMERA

Embedded Vision Kit

DAA2500-IMX8DEVKIT
DevKit daA2500-60mci-IMX8-EVK [108024]

- 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

API configuration	Basler pylon
Camera model	Basler Dart
Focal length	5.5 mm
Frame rate max	60 fps
Interface	MIPI
Lens barrel	S-Mount
Mono/color	Color
Pixel size	2,2
Processor	i.MX 8
Resolution	5MP
Sensor size	1/2.5"
Sensor supplier	ON Semiconductor
Sensor Type	CMOS
Shutter type	Rolling