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BASLER DART MIPI SNAPDRAGON 820

Embedded Vision Kit

DAA2500-60MCDEVKIT



- Basler dart camera with MIPI interface
- 5 MP / 60 fps
- DB8 Snapdragon 820 Development Platform
- Includes optics and cables

PRODUCT DESCRIPTION

The Basler dart BCON for MIPI Development Kit with Snapdragon 820 contains all the components needed to integrate a Basler dart camera into the BCON for MIPI interface. It includes a dart camera, Qualcomm Snapdragon 820-based development platform, and all the cables and supplies you need for a functional MIPI-based imaging demo. The development platform comes pre-loaded with the necessary drivers and software to begin testing and development, so it provides a true plug and play solution for testing dart BCON for MIPI camera modules.

The package includes the following components:

- Camera: daA2500-60mc (S-Mount)
- PCB:
  - DB8 development platform
  - dart BCON for MIPI Mezzanine Board
- Optics: Evetar Lens N118B05518W F1.8 f5.5mm 1 / 1.8 "
- Cables:
  - Cable HDMI 2.0, A / A, 1.5m
  - FFC cable, 0.2m

o Cable USB 2.0, A / Micro-B, 1.8m

- Cable GigE Cat5e, 2m

Power supply:

o12V / 2A power supply with replaceable contacts

- Cables:
  - Cable HDMI 2.0, A / A, 1.5m
  - FFC cable, 0.2m
  - Cable USB 2.0, A / Micro-B, 1.8m
  - Cable GigE Cat5e, 2m

TECHNICAL DATA

3612_Pixel size (µm)	2,2
API configuration	Basler pylon
Focal length	5.5 mm
Frame rate max	60 fps
Interface	MIPI
Lens barrel	S-Mount
Mono/color	Color

Processor	Snapdragon 820
Sensor size	1/2.5"
Sensor supplier	ON Semiconductor
Sensor Type	CMOS
Shutter type	Rolling