

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 |