

ArkCam Basic+ D-class



Ark Vision Systems



ArkCam Basic+ D-class

The Ethernet camera "ArkCam Basic+" is the perfect all-rounder for monitoring hazardous areas and work processes. The camera is the ideal sensor for integrating real-time images into existing on-board computer systems.

Due to the high optical resolution paired with options, such as the fade-in of overlays, it is the basis or extension for almost all fields of application. Robustness against vibrations, cold, heat and moisture goes without saying.



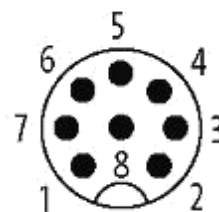
Key Facts

- **FullHD resolution** 2 Megapixel
- **Configuration-tool** available
- Choice of **various viewing angles**
- **Extended temperature range** from -40°C to +85°C
- **High mechanical load capacity** up to 100 g
- **High pressure cleaner resistant** according to IP69K
- **Integrated illumination** IR or white light

Connector

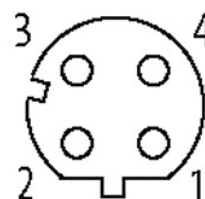
Power supply and signals

- Connector type M12 A-8pole



Datasignals

- Connector type M12 D-4pole



Technical specifications

Sensor

- resolution 1920 x 1080 (2MP)
- CMOS image sensor 1/2.7" / HDR
- frames per second 30 (FPS)

Power supply

- 9-36V DC
- power consumption < 13 W

Viewing angles

- 45°, 60°, 90°, 125°

Operating temperature

- -40°C bis +85°C

Storage temperature

- -40°C bis +85°C

EMC resilience / authorization

- Approvals in accordance with all relevant EMC guidelines from the areas of industry, agricultural machinery, forklifts and construction machinery. Certificates available on request.

Mechanical resilience

- Shock and vibration resistant for use in the areas of agricultural machinery, forklifts and construction machinery. Certificates available on request.

Protection classes

- IP68 protection against permanent immersion.
- IP69K protection against water during high pressure / steam jet cleaning.
- Certificates available on request.

Front glass

- specially hardened & anti-reflective

Interface

- Ethernet 100BASE-TX
- Digital I/Os 2xInput/2xOutput
- CAN

Connector

- 1x M12/D
- 1x M12/A

Lighting (optional)

- 850nm IR or white light LED

Housing

- aluminum anodized

Protocol

- RTP (UDP) / RTSP (TCP/IP)

Video Format

- H.264 / Motion-JPEG

Software

- Configuration tool available

Dimensions

