

ArkCam Basic+



Ark Vision Systems



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The Ethernet camera "ArkCam Basic" is the perfect all-rounder for monitoring hazardous areas and work processes in rugged, mobile or stationary applications. It is the ideal sensor for integrating images into existing systems in real-time.

Due to its 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 wetness are basic characteristics of our cameras.



Key Facts

- **HD-resolution** 2 Megapixel
- **Configuration tool** available
- Video output format **Motion JPEG** or **H.264**
- **Extended temperature range** from -40°C bis +85°C
- **High mechanical load capacity** up to 100 g
- **High pressure cleaner resistant** according to IP69K
- Model variants available for **BroadR-Reach (T1)** or **Fast Ethernet (TX)**
- **Integrated illumination** IR or white light

Connector

Power supply and signals

- Connector type M12 X-8pole



Technical specifications

Sensor

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

Power supply

- 9-60V DC
- power consumption <13 W

Viewing Angles

- 45°, 60°, 90° & 125°

Operating temperature

- -40°C to +85°C

Storage temperature

- -40°C to +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.

Interface

- BroadR-Reach 100BASE-T1
- Ethernet 100BASE-TX

Connector

- 1x M12/X

Housing

- aluminum anodized

Protocol

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

Output format

- H.264/Motion-JPEG

Software

- Configuration tool available

Software

- Configuration tool available

Integrated illumination

- 850nm IR or white light LED

Dimensions

