



# Produktübersicht

# Product overview

digitale Kamerasysteme / digital Camerasystem  
November 2020



Ark Vision Systems



## ArkCam Basic

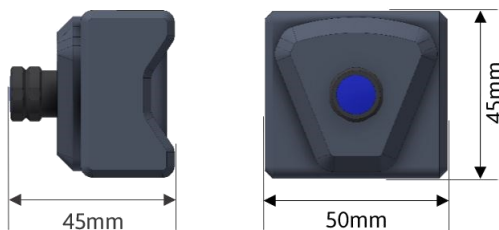


- **HD-Auflösung** 1,2 Megapixel
  - **Konfigurations-Tool** verfügbar
  - Auswahl an **diversen Bildwinkeln**
  - **Erweiterter Temperaturbereich** von -40°C bis +95°C
  - **Hohe mechanische Belastbarkeit** bis zu 100 g
  - **Hochdruckreiniger geeignet** nach IP69K
  - Modellvarianten für **BroadR-Reach (T1) und Fast Ethernet (TX)** verfügbar
- **HD-resolution** 1,2 Megapixel
  - **Configuration tool** available
  - Choice of **various viewing angles**
  - **Extended temperature range** from -40°C bis +95°C
  - **High mechanical load capacity** up to 100 g
  - **High pressure cleaner resistant** according to IP69K
  - Model variants available for **BroadR-Reach (T1) and Fast Ethernet (TX)**

## Technische Daten / Technical specifications

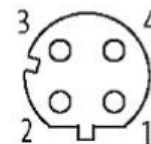
	ArkCam Basic T1	ArkCam Basic TX
Bildwinkel / Viewing angles	90°, 130°, 180°	90°, 130°, 180°
Spannungsversorgung / Power supply	9-32V DC	9-32V DC
Schnittstelle / Interface	100Base-T1 Ethernet	100Base-TX Ethernet
Stecker / Connector	M12-D-4p female	M12-D-4p female

## Maße / Dimensions



### Versorgung und Signale / Power supply and signals

- M12-D-4p female
- Anschlusskabel / Cable 1 Meter



## ArkCam Basic+

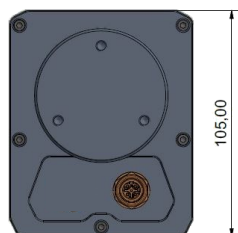
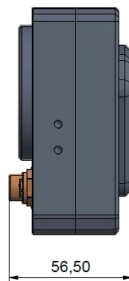


- FullHD-Auflösung 2 Megapixel
- Konfigurations-Tool verfügbar
- Auswahl an diversen Bildwinkeln
- Erweiterter Temperaturbereich von -40°C bis +85°C
- Hohe mechanische Belastbarkeit bis zu 100 g
- Hochdruckreiniger geeignet nach IP69K
- Modellvarianten für BroadR-Reach (T1) und Fast Ethernet (TX) verfügbar
- 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
- Model variants available for BroadR-Reach (T1) and Fast Ethernet (TX)

## Technische Daten / Technical specifications

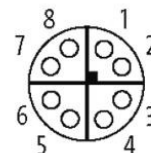
	ArkCam Basic+	ArkCam Basic+ IR	ArkCam Basic+ WLED
Bildwinkel / Viewing angles	45°, 60°, 90°, 125°	45°, 60°, 90°, 125°	45°, 60°, 90°, 125°
Spannungsversorgung / Power supply	PoE / 9-60V DC	PoE / 9-60V DC	PoE / 9-60V DC
Schnittstelle / Interface	100Base-TX or 100Base-T1 Ethernet	100Base-TX or 100Base-T1 Ethernet	100Base-TX or 100Base-T1 Ethernet
Stecker / Connector	M12-X-8p female	M12-X-8p female	M12-X-8p female
Beleuchtung / Lighting	x	850nm IR	Weißlicht / white light LED

## Maße / Dimensions



### Versorgung und Signale / Power supply and signals

- M12-X-8p female



## ArkCam Smart



- FullHD-Auflösung 2 Megapixel
- Integrierter, leistungsfähiger Prozessor für Bildverarbeitungsaufgaben
- Anpassbar auch für **eigene Kundenentwicklungen** durch SDK
- Auswahl an **diversen Bildwinkeln**
- **Erweiterter Temperaturbereich** von -40°C bis +85°C
- **Hohe mechanische Belastbarkeit** bis zu 100 g
- **Hochdruckreiniger geeignet** nach IP69K
- FullHD-resolution 2 Megapixel
- **Powerful, embedded processor** for image processing tasks
- Adaptable also for **own customer developments** by SDK
- 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

## Technische Daten / Technical specifications

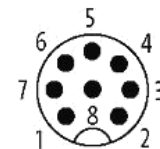
	ArkCam Smart	ArkCam Smart IR	ArkCam Smart WLED
Bildwinkel / Viewing angles	45°, 60°, 90°, 125°	45°, 60°, 90°, 125°	45°, 60°, 90°, 125°
Spannungsversorgung / Power supply	9-32V DC	9-32V DC	9-32V DC
Schnittstelle / Interface	100BASE-TX Ethernet Digital I/Os 2xInput/2xOutput CAN	100BASE-TX Ethernet Digital I/Os 2xInput/2xOutput CAN	100BASE-TX Ethernet Digital I/Os 2xInput/2xOutput CAN
Prozessor / Processor	i.MX8M Mini	i.MX8M Mini	i.MX8M Mini
Stecker / Connector	M12-D-4p female M12-A-8p male	M12-D-4p female M12-A-8p male	M12-D-4p female M12-A-8p male
Beleuchtung / Lighting	x	850nm IR	Weißlicht / white light LED

## Maße / Dimensions



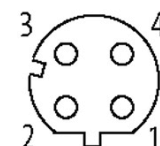
### Versorgung und Signale / Power supply and signals

- M12-A-8p male



### Datensignale / Datasignals

- M12-D-4p female



## ArkCam Smart+

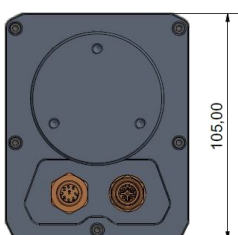
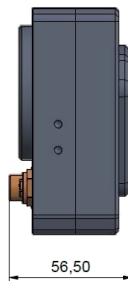


- FullHD-Auflösung 2 Megapixel
- Integrierter, leistungsfähiger Prozessor für Bildverarbeitungsaufgaben
- Anpassbar auch für eigene Kundenentwicklungen durch SDK
- Auswahl an diversen Bildwinkeln
- Erweiterter Temperaturbereich von -40°C bis +85°C
- Hohe mechanische Belastbarkeit bis zu 100 g
- Hochdruckreiniger geeignet nach IP69K
- FullHD-resolution 2 Megapixel
- Powerful, embedded processor for image processing tasks
- Adaptable also for own customer developments by SDK
- 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

## Technische Daten / Technical specifications

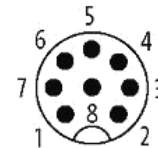
	ArkCam Smart+	ArkCam Smart+ IR	ArkCam Smart+ WLED
Bildwinkel / Viewing angles	45°, 60°, 90°, 125°	45°, 60°, 90°, 125°	45°, 60°, 90°, 125°
Spannungsversorgung / Power supply	PoE / 9-60V DC	PoE / 9-60V DC	PoE / 9-60V DC
Schnittstelle / Interface	100BASE-TX Ethernet Digital I/Os 2xInput/2xOutput CAN	100BASE-TX Ethernet Digital I/Os 2xInput/2xOutput CAN	100BASE-TX Ethernet Digital I/Os 2xInput/2xOutput CAN
Prozessor / Processor	i.MX8M Mini	i.MX8M Mini	i.MX8M Mini
Stecker / Connector	M12-D-4p female M12-A-8p male	M12-D-4p female M12-A-8p male	M12-D-4p female M12-A-8p male
Beleuchtung / Lighting	x	850nm IR	Weißlicht / white light LED

## Maße / Dimensions



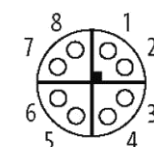
### Versorgung und Signale / Power supply and signals

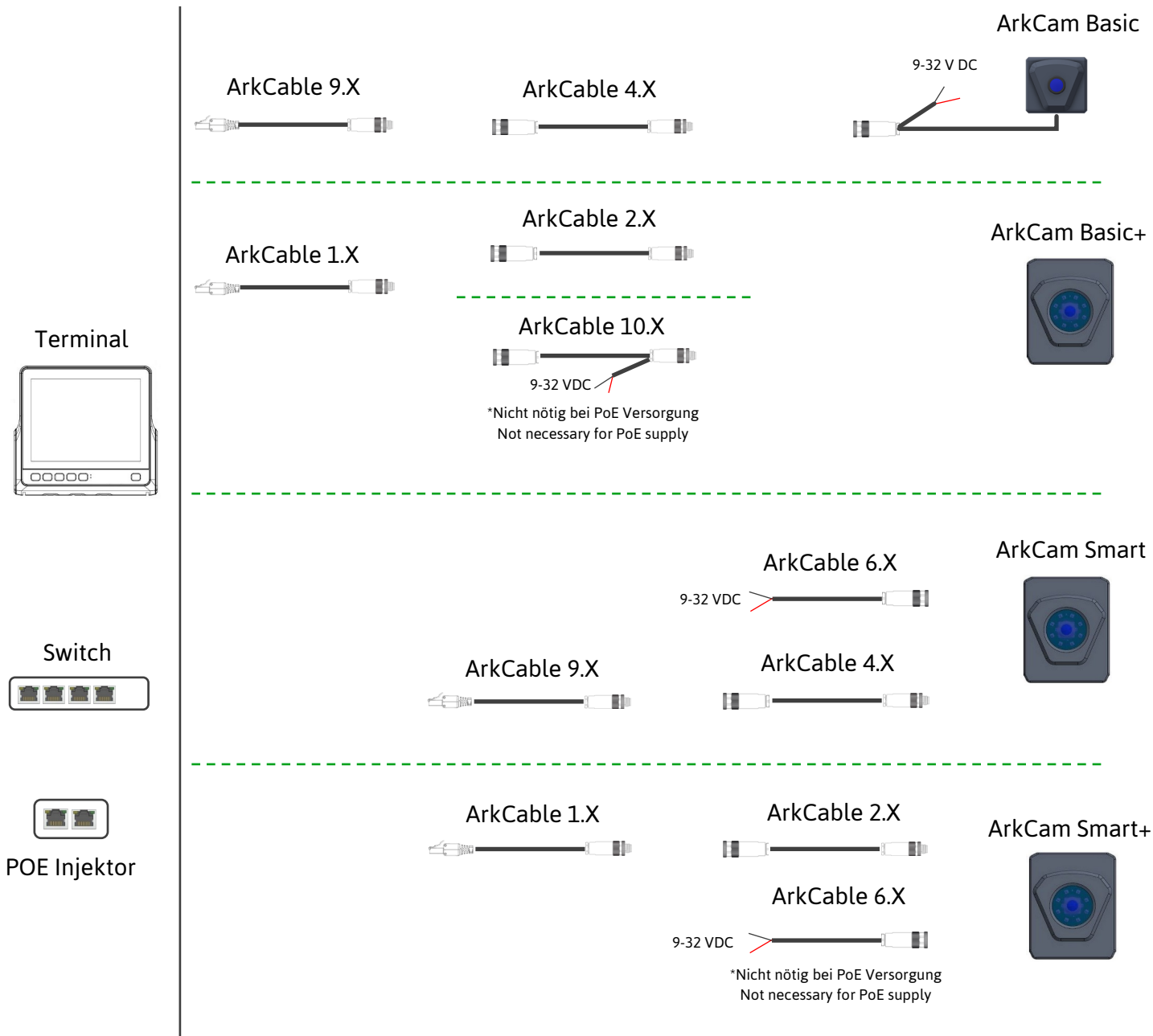
- M12-A-8p male

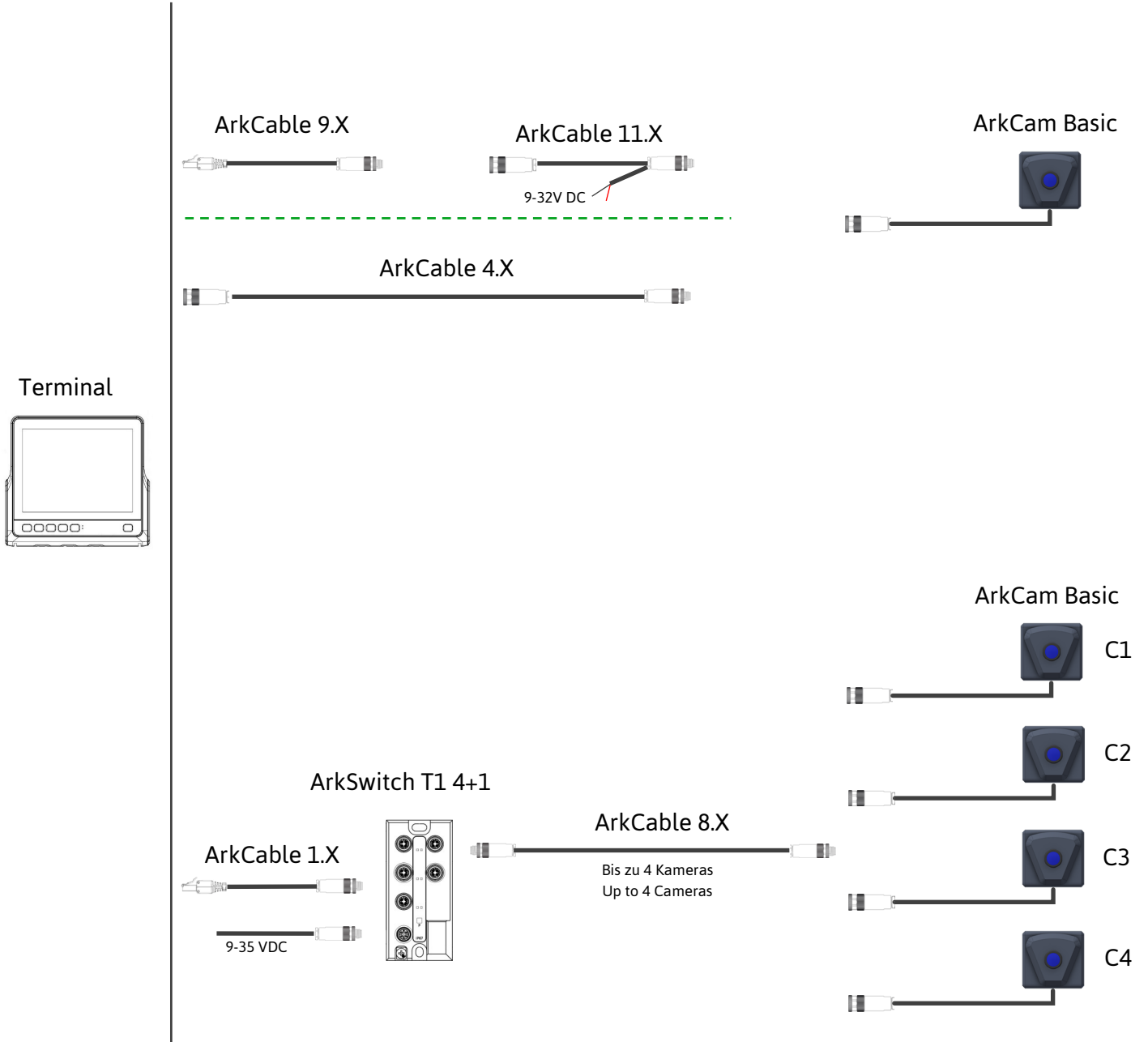


### Datensignale / Datasignals

- M12-X-8p female







## Kabel / Cable



3020001	ArkCable 1.1	▪ RJ45-M-8p/M12-M-X-8p 1m	1 Meter
3020040	ArkCable 1.3	▪ RJ45-M-8p/M12-M-X-8p 3m	3 Meter
3020002	ArkCable 1.5	▪ RJ45-M-8p/M12-M-X-8p 5m	5 Meter
3020003	ArkCable 1.10	▪ RJ45-M-8p/M12-M-X-8p 10m	10 Meter
3020004	ArkCable 1.15	▪ RJ45-M-8p/M12-M-X-8p 15m	15 Meter
3020005	ArkCable 1.20	▪ RJ45-M-8p/M12-M-X-8p 20m	20 Meter
3020006	ArkCable 1.30	▪ RJ45-M-8p/M12-M-X-8p 30m	30 Meter



3020007	ArkCable 2.1	▪ M12-M-X-8p/M12-F-X-8p 1m	1 Meter
3020039	ArkCable 2.3	▪ M12-M-X-8p/M12-F-X-8p 3m	3 Meter
3020008	ArkCable 2.5	▪ M12-M-X-8p/M12-F-X-8p 5m	5 Meter
3020009	ArkCable 2.10	▪ M12-M-X-8p/M12-F-X-8p 10m	10 Meter



3020014	ArkCable 4.1	▪ M12-M-D-4p/M12-F-D-4p 1m	1 Meter
3020027	ArkCable 4.2	▪ M12-M-D-4p/M12-F-D-4p 2m	2 Meter
3020021	ArkCable 4.3	▪ M12-M-D-4p/M12-F-D-4p 3m	3 Meter
3020015	ArkCable 4.5	▪ M12-M-D-4p/M12-F-D-4p 5m	5 Meter
3020016	ArkCable 4.10	▪ M12-M-D-4p/M12-F-D-4p 10m	10 Meter
3020064	ArkCable 4.15	▪ M12-M-D-4p/M12-F-D-4p 15m	15 Meter
3020065	ArkCable 4.20	▪ M12-M-D-4p/M12-F-D-4p 20m	20 Meter
3020066	ArkCable 4.25	▪ M12-M-D-4p/M12-F-D-4p 25m	25 Meter
3020067	ArkCable 4.30	▪ M12-M-D-4p/M12-F-D-4p 30m	30 Meter
3020068	ArkCable 4.40	▪ M12-M-D-4p/M12-F-D-4p 40m	40 Meter
3020069	ArkCable 4.50	▪ M12-M-D-4p/M12-F-D-4p 50m	50 Meter
3020070	ArkCable 4.60	▪ M12-M-D-4p/M12-F-D-4p 60m	60 Meter



3020034	ArkCable 6.2	▪ OW-8p/M12-F-A-8p 2m	2 Meter
3020033	ArkCable 6.5	▪ OW-8p/M12-F-A-8p 5m	5 Meter



3020041	ArkCable 7.3	▪ M12-M-X-8p/M12-M-X-8p 3m	3 Meter
3020042	ArkCable 7.5	▪ M12-M-X-8p/M12-M-X-8p 5m	5 Meter
3020043	ArkCable 7.10	▪ M12-M-X-8p/M12-M-X-8p 10m	10 Meter





## Kabel / Cable



3020044

ArkCable 8.3

- M12-M-D-4p/M12-M-D-4p 3m

3 Meter



3020045

ArkCable 8.5

- M12-M-D-4p/M12-M-D-4p 5m

5 Meter

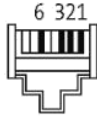


3020046

ArkCable 8.10

- M12-M-D-4p/M12-M-D-4p 10m

10 Meter



3020047

ArkCable 9.3

- RJ45-M-8p/M12-M-D-4p 3m

3 Meter



3020048

ArkCable 9.5

- RJ45-M-8p/M12-M-D-4p 5m

5 Meter



3020049

ArkCable 9.10

- RJ45-M-8p/M12-M-D-4p 10m

10 Meter



3020050

ArkCable 10.1

- M12-M-X-8p/M12-F-X-8p+OW-2p 1m

1 Meter



3020054

ArkCable 11.1

- M12-M-D-4p/M12-F-D-4p+OW-2p 1m

1 Meter



**\*weitere Längen auf Anfrage / other length on demand**

## Kameras / Cameras ArkCam Basic



3010014	ArkCam Basic T1 90°	BroadR-Reach (T1)
3010018	ArkCam Basic T1 130°	Bildwinkel / Viewing angle: 90° or 130° or 180°
3010015	ArkCam Basic T1 180°	



3010012	ArkCam Basic TX 90°	Ethernet (TX)
3010017	ArkCam Basic TX 130°	Bildwinkel / Viewing angle: 90° or 130° or 180°
3010013	ArkCam Basic TX 180°	



3010019	ArkCam Basic+ TX 45°	Ethernet (TX)
3010023	ArkCam Basic+ TX 45° IR	Beleuchtung / Lighting: IR 850nM or White light LED
3010027	ArkCam Basic+ TX 45° WLED	Bildwinkel / Viewing angle: 45°
3010020	ArkCam Basic+ TX 60°	Ethernet (TX)
3010024	ArkCam Basic+ TX 60° IR	Beleuchtung / Lighting: IR 850nM or White light LED
3010028	ArkCam Basic+ TX 60° WLED	Bildwinkel / Viewing angle: 60°
3010021	ArkCam Basic+ TX 90°	Ethernet (TX)
3010025	ArkCam Basic+ TX 90° IR	Beleuchtung / Lighting: IR 850nM or White light LED
3010029	ArkCam Basic+ TX 90° WLED	Bildwinkel / Viewing angle: 90°
3010022	ArkCam Basic+ TX 125°	Ethernet (TX)
3010026	ArkCam Basic+ TX 125° IR	Beleuchtung / Lighting: IR 850nM or White light LED
3010030	ArkCam Basic+ TX 125° WLED	Bildwinkel / Viewing angle: 125°

## Kameras / Cameras ArkCam Smart



3010031	ArkCam Smart TX 45°	Ethernet (TX)
3010035	ArkCam Smart TX 45° IR	Beleuchtung / Lighting: IR 850nm or White light LED
3010039	ArkCam Smart TX 45° WLED	Bildwinkel / Viewing angle: 45°
3010032	ArkCam Smart TX 60°	Ethernet (TX)
3010036	ArkCam Smart TX 60° IR	Beleuchtung / Lighting: IR 850nm or White light LED
3010040	ArkCam Smart TX 60° WLED	Bildwinkel / Viewing angle: 60°
3010033	ArkCam Smart TX 90°	Ethernet (TX)
3010037	ArkCam Smart TX 90° IR	Beleuchtung / Lighting: IR 850nm or White light LED
3010041	ArkCam Smart TX 90° WLED	Bildwinkel / Viewing angle: 90°
3010034	ArkCam Smart TX 125°	Ethernet (TX)
3010038	ArkCam Smart TX 125° IR	Beleuchtung / Lighting: IR 850nm or White light LED
3010042	ArkCam Smart TX 125° WLED	Bildwinkel / Viewing angle: 125°



3010043	ArkCam Smart+ TX 45°	Ethernet (TX)
3010047	ArkCam Smart+ TX 45° IR	Beleuchtung / Lighting: IR 850nm or White light LED
3010051	ArkCam Smart+ TX 45° WLED	Bildwinkel / Viewing angle: 45°
3010044	ArkCam Smart+ TX 60°	Ethernet (TX)
3010048	ArkCam Smart+ TX 60° IR	Beleuchtung / Lighting: IR 850nm or White light LED
3010052	ArkCam Smart+ TX 60° WLED	Bildwinkel / Viewing angle: 60°
3010045	ArkCam Smart+ TX 90°	Ethernet (TX)
3010049	ArkCam Smart+ TX 90° IR	Beleuchtung / Lighting: IR 850nm or White light LED
3010053	ArkCam Smart+ TX 90° WLED	Bildwinkel / Viewing angle: 90°
3010046	ArkCam Smart+ TX 125°	Ethernet (TX)
3010050	ArkCam Smart+ TX 125° IR	Beleuchtung / Lighting: IR 850nm or White light LED
3010054	ArkCam Smart+ TX 125° WLED	Bildwinkel / Viewing angle: 125°

## ArkSwitch



3050009 ArkSwitch T1 4+1 1x Videoausgabeformat / Video output format: Ethernet (TX) M12 X coded  
4x Videoeingabeformat / Video input format: BroadR-Reach (T1) M12 D coded  
1x Stromversorgung / Power supply: 9...32V DC M12 A coded  
Temperaturbereich / temperature range: -40°C bis +70°C  
Kompakte robuste Bauform / Compact and robust design  
Schutzklasse / Protection class: IP65/67

## ArkMNVR



3040024 ArkMNVR 4 CH TX Videoeingabeformat / Video input format: Ethernet (TX) 4x RJ45  
Videoausgabeformat / Video output format: 1x VGA, 1x HDMI, 1x RJ45  
Stromversorgung / Power supply: 9...32V DC  
Temperaturbereich / temperature range: -25°C bis +55°C  
Stromversorgung Kamera / Power Supply Camera PoE/PoE+  
Speicher / Storage 2x Sata (Max 2TB HDD / Max 4TB SSD - Non-RAID Mode)

## Zubehör / Accessories



3040022

Ark-ACC-EF102

Entstörfilter  
Interference filter

---



3040025

Ark-ACC-DC-  
Converter 80-24

Spannungskonverter  
Power Supply Converter

---



**Marcel Ries**

Sales Manager

Tel.: +49 6471 508 702 8

E-Mail: [marcel.ries@ark-vision-systems.com](mailto:marcel.ries@ark-vision-systems.com)

Homepage: [www.ark-vision-systems.com](http://www.ark-vision-systems.com)



**Christian Abels**

Key Account Manager

Tel.: +49 6471 508 702 5

E-Mail: [christian.abels@ark-vision-systems.com](mailto:christian.abels@ark-vision-systems.com)

Homepage: [www.ark-vision-systems.com](http://www.ark-vision-systems.com)