

# Produktbroschüre / Product brochure



Ark Vision Systems





### Systeme / Systems

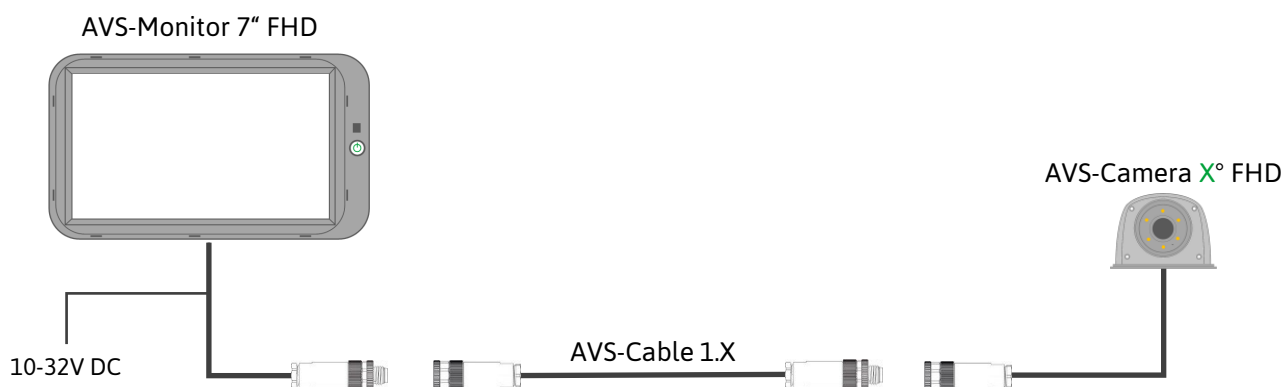
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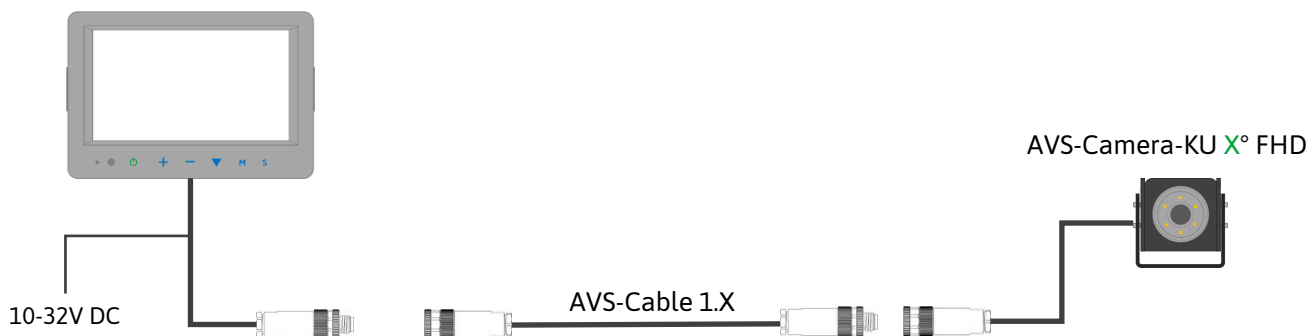
## Rüchfahrssystem 7" Monitor FHD / Rear View System 7" Monitor FHD



| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030001                       | AVS-Monitor 7" FHD            | 1                   |
| 3020030                       | AVS-Cable 1.10 (10 Meter)     | 1                   |
| 3010010                       | AVS-Camera 105° FHD           | 1                   |

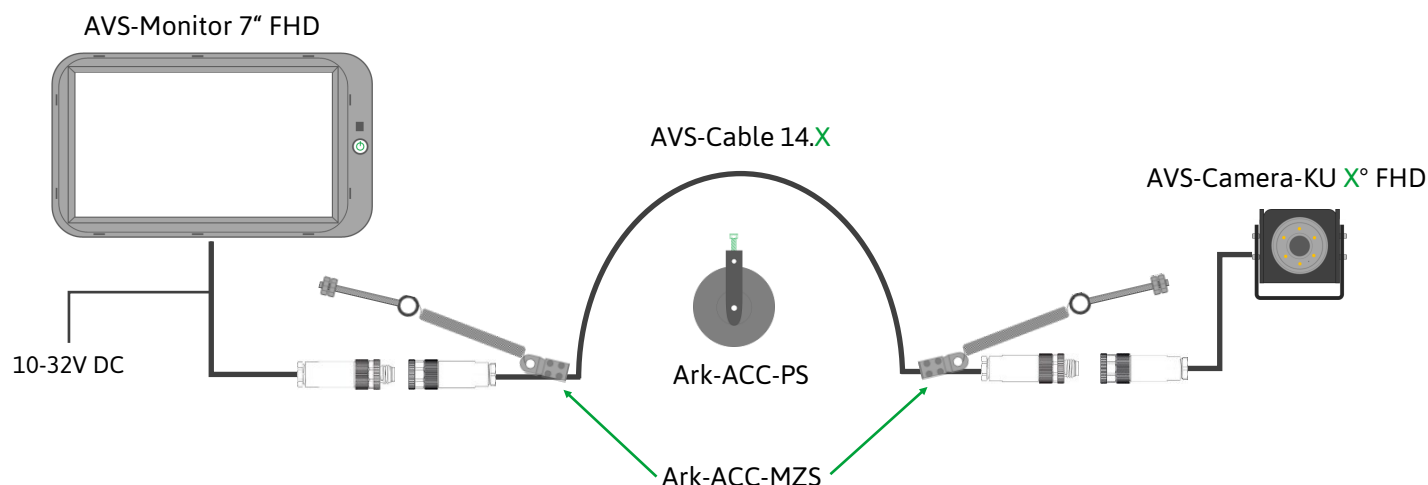
## Rüchfahrssystem 7" Monitor IP66 FHD / Rear View System 7" Monitor IP66 FHD

AVS-Monitor 7" Quad FHD waterproof



| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030004                       | AVS-Monitor 7" Quad FHD w     | 1                   |
| 3020030                       | AVS-Cable 1.10 (10 Meter)     | 1                   |
| 3010090                       | AVS-Camera-KU 115° FHD        | 1                   |

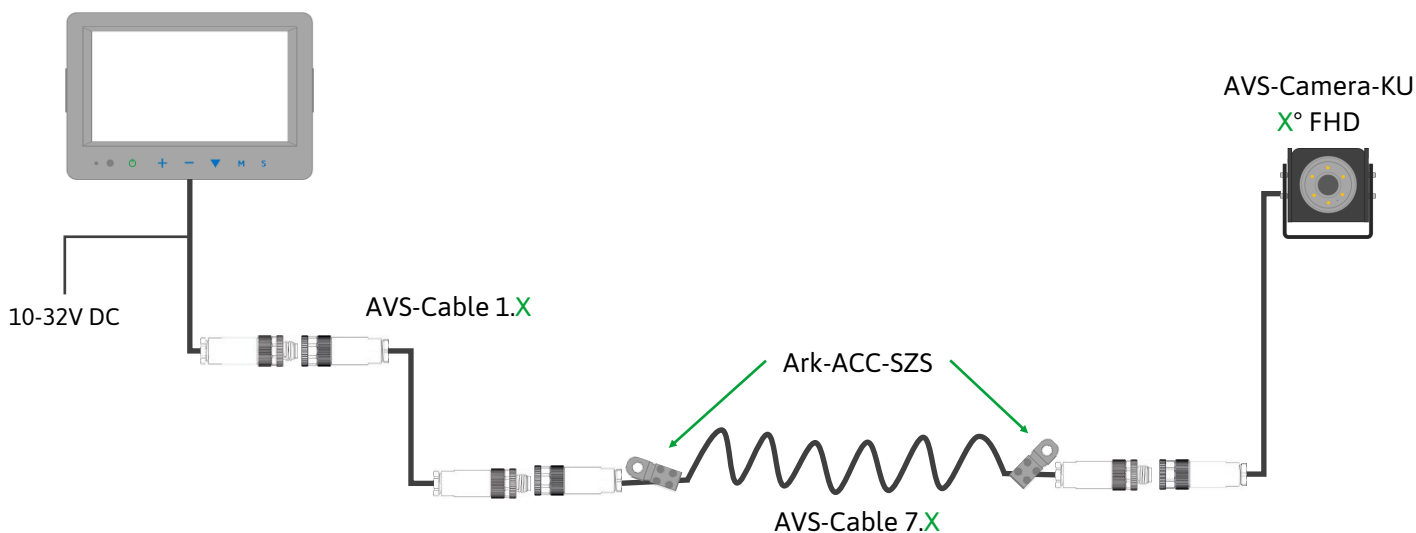
## Gabelträger-System (Mastkabel) / Fork Carriage mounted system (mast cable)



| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030001                       | AVS-Monitor 7" FHD            | 1                   |
| 3020088                       | AVS-Cable 14.8 (8 Meter)      | 1                   |
| 3040028                       | Ark-ACC-PS                    | 1                   |
| 3040027                       | Ark-ACC-MSZ                   | 1                   |
| 3010126                       | AVS-Camera-KU 90° FHD         | 1                   |

## Gabelträger-System (Spiralkabel) / Fork Carriage mounted system (spiral cable)

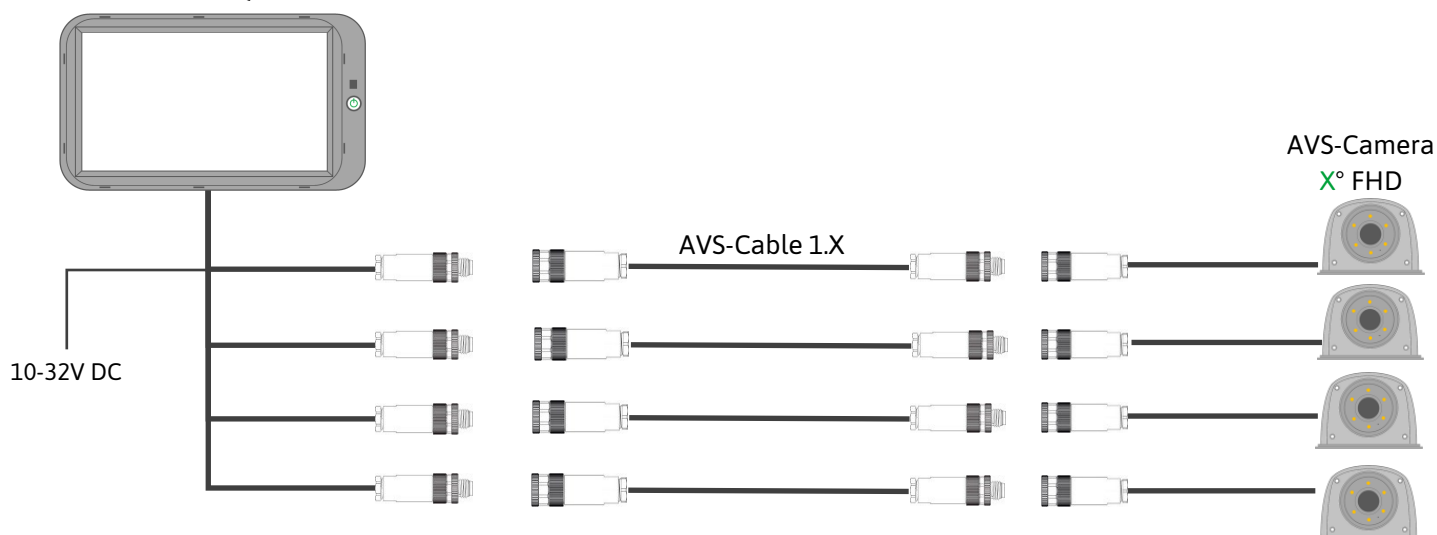
AVS-Monitor 7" Quad FHD waterproof



| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030004                       | AVS-Monitor 7" Quad FHD w     | 1                   |
| 3020030                       | AVS-Cable 7.6 (6 Meter)       | 1                   |
| 3040040                       | Ark-ACC-SZS                   | 1                   |
| 3010090                       | AVS-Camera-KU 115° FHD        | 1                   |

## 4-Fach System 10" Monitor FHD / Quad-System 10" Monitor FHD

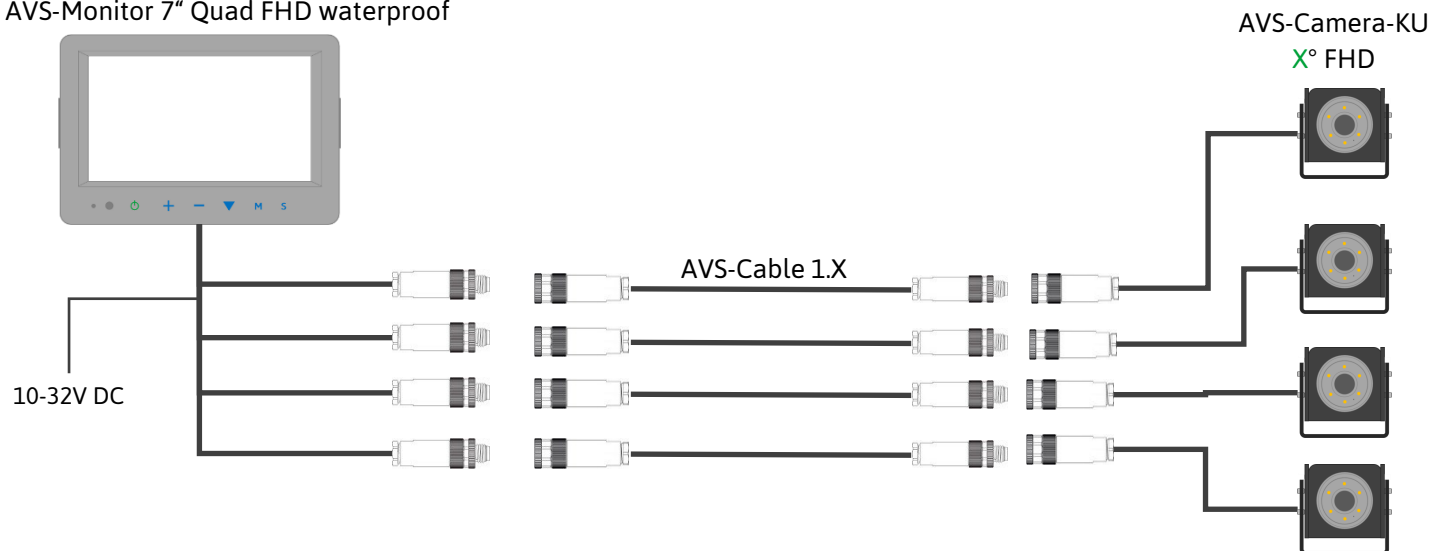
AVS-Monitor 10" Quad FHD



| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030006                       | AVS-Monitor 10" Quad FHD      | 1                   |
| 3020030                       | AVS-Cable 1.10 (10 Meter)     | 4                   |
| 3010009                       | AVS-Camera 145° FHD           | 4                   |

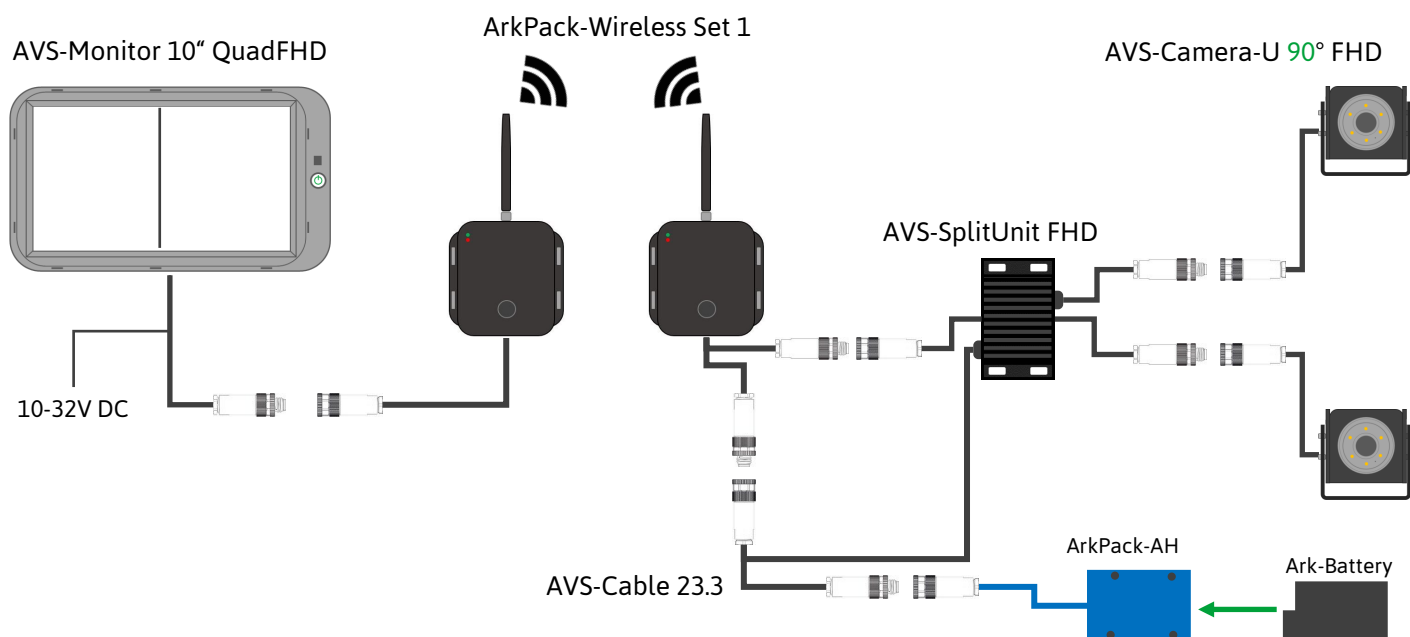
## 4-Fach System 7" Monitor IP66 FHD / Quad-System 7" Monitor IP66 FHD

AVS-Monitor 7" Quad FHD waterproof



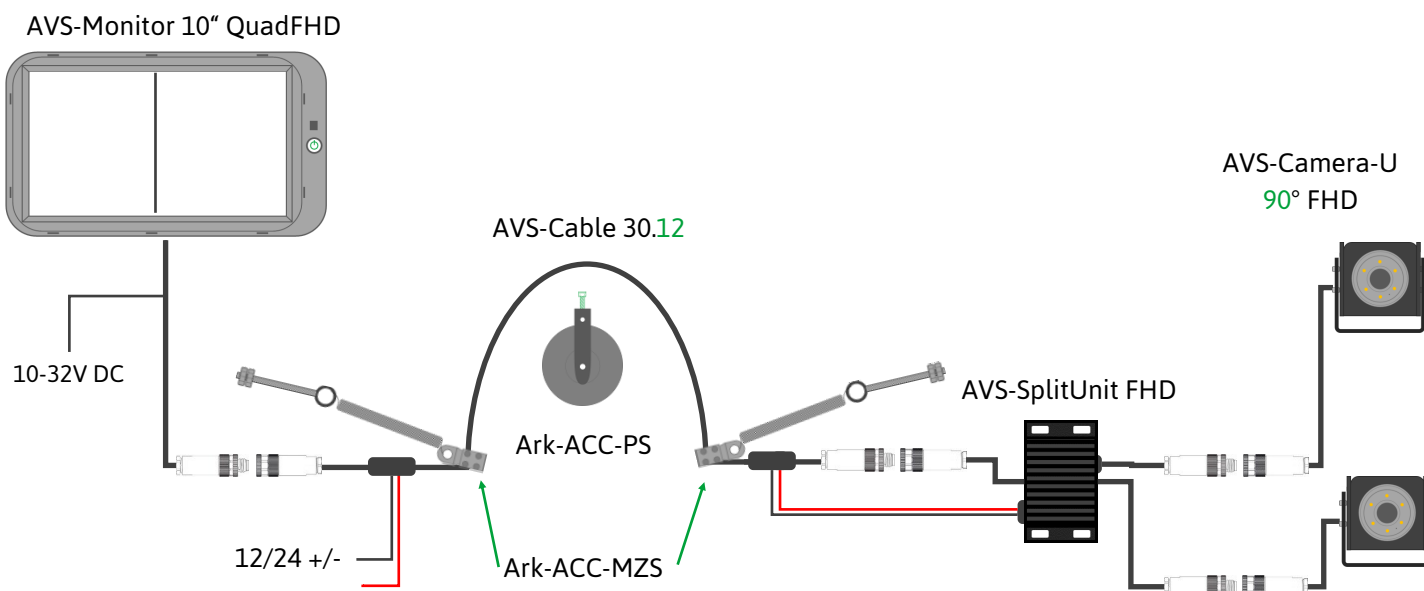
| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030004                       | AVS-Monitor 7" Quad FHD w     | 1                   |
| 3020030                       | AVS-Cable 1.10 (10 Meter)     | 4                   |
| 3010090                       | AVS-Camera-KU 115° FHD        | 4                   |

## Zweifach Funk Kamerasystem / Duo Wireless Camerasystem



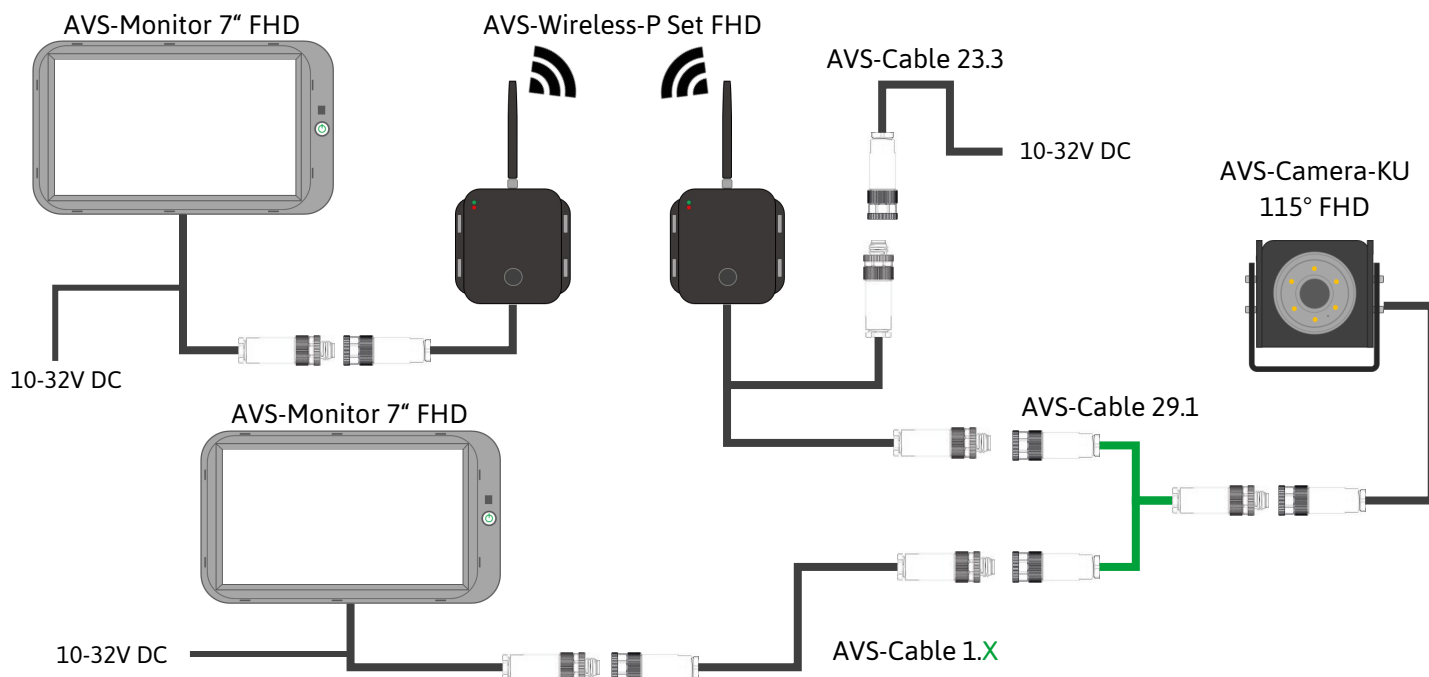
| Artikelnummer/ | Beschreibung /           | Stückzahl /Quantity |
|----------------|--------------------------|---------------------|
| 3030006        | AVS-Monitor 10" Quad FHD | 1                   |
| 3040054        | ArkPack Wireless-Set-1   | 1                   |
| 3050020        | AVS-Splitbox             | 1                   |
| 3010126        | AVS-Camera-KU 90° FHD    | 2                   |

## Zweifach Kamerasystem / Duo Camerasystem



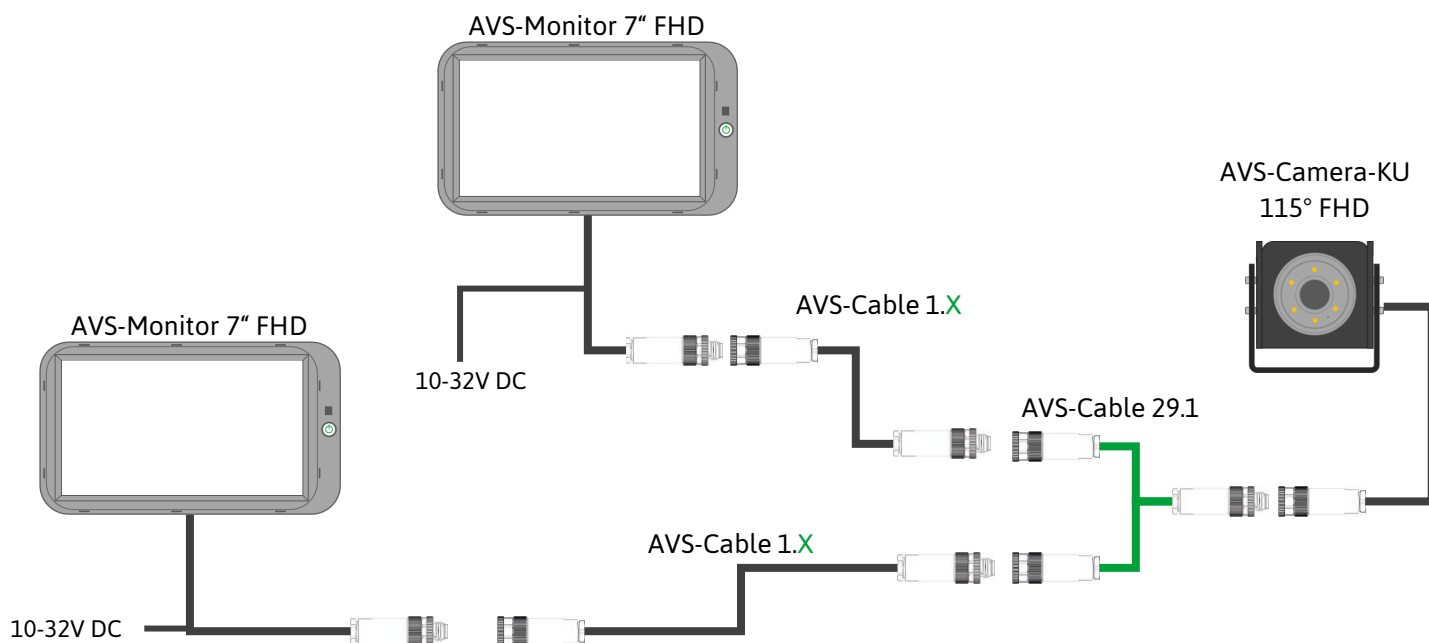
| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030006                       | AVS-Monitor 10" Quad FHD      | 1                   |
| 3020143                       | AVS-Cable 30.12 (12 Meter)    | 1                   |
| 3050020                       | AVS-Splitbox                  | 1                   |
| 3040028                       | Ark-ACC-PS                    | 1                   |
| 3010126                       | AVS-Camera-KU 90° FHD         | 2                   |

## Splitkabel + Funk / Split cable + Wireless



| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030001                       | AVS-Monitor 7" FHD            | 2                   |
| 3310015                       | AVS-Wireless-Set-P FHD        | 1                   |
| 3020130                       | AVS-Cable 29.1 (1 Meter)      | 1                   |
| 3010090                       | AVS-Camera-KU 115° FHD        | 1                   |

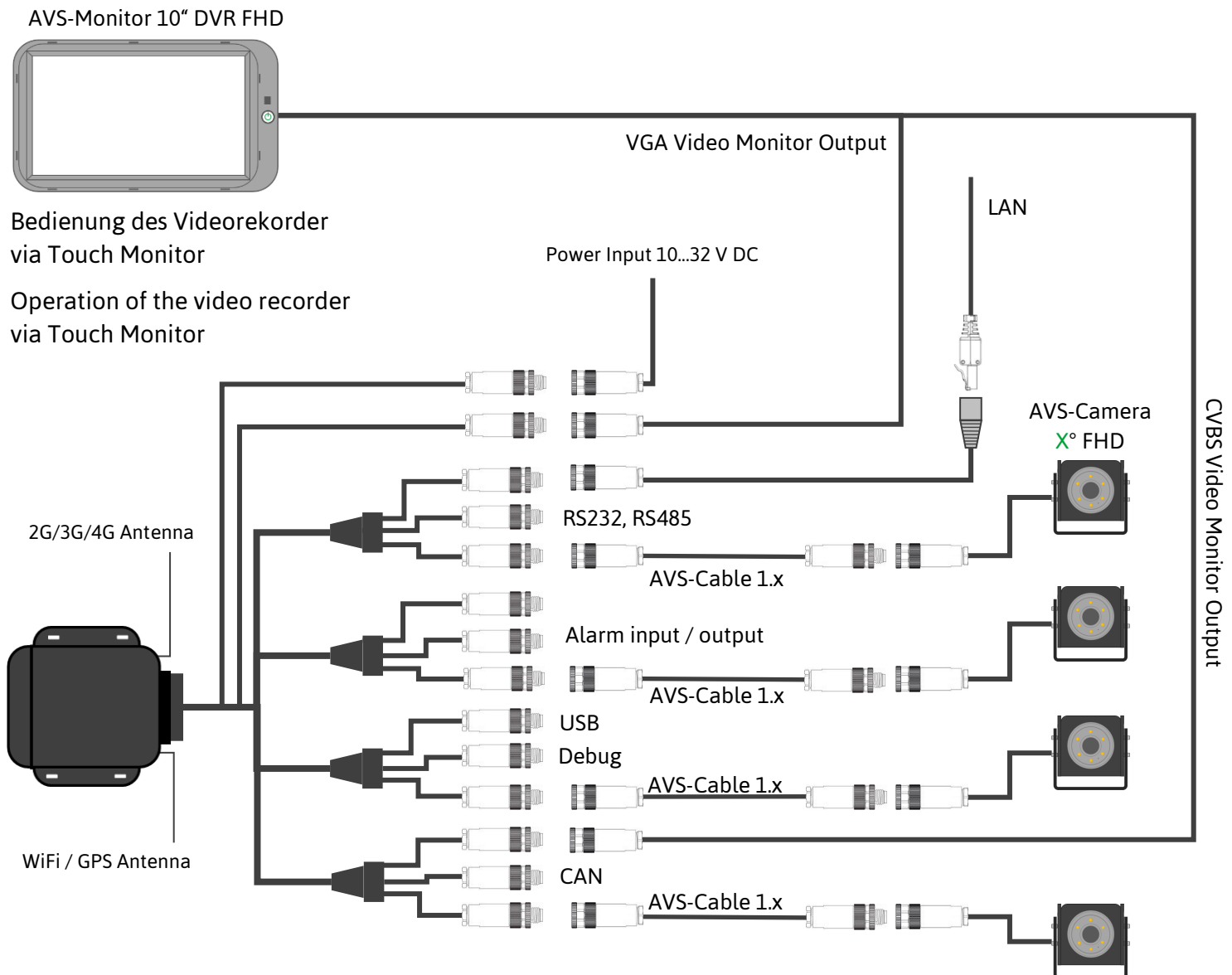
## Splitkabel / Split cable



| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030001                       | AVS-Monitor 7" FHD            | 2                   |
| 3020130                       | AVS-Cable 29.1 (1 Meter)      | 1                   |
| 3010090                       | AVS-Camera-KU 115° FHD        | 1                   |



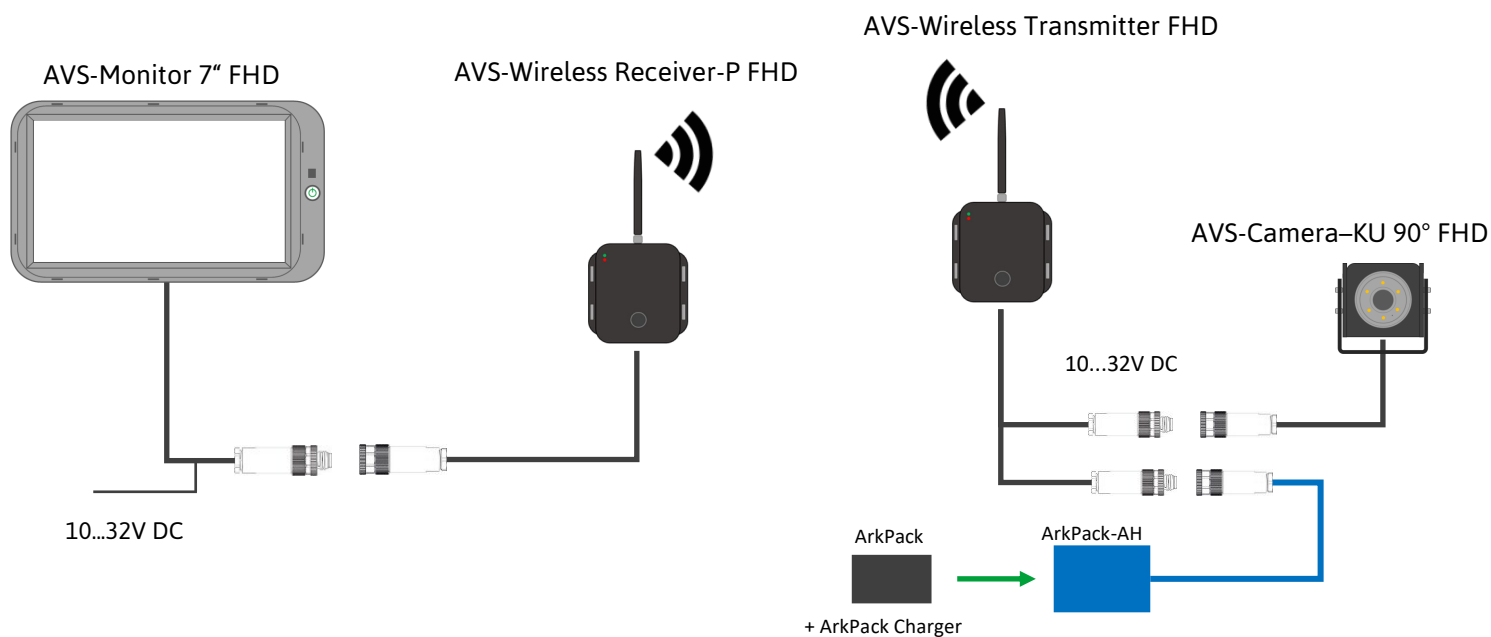
## DVR - Videorekorder / Video recorder



| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030005                       | AVS-Monitor 10" DVR FHD       | 1                   |
| 3020030                       | AVS-Cable 1.10 (10 Meter)     | 4                   |
| 3050008                       | AVS-DVR1 4CH FHD              | 1                   |
| 3010090                       | AVS-Camera-KU 115° FHD        | 4                   |

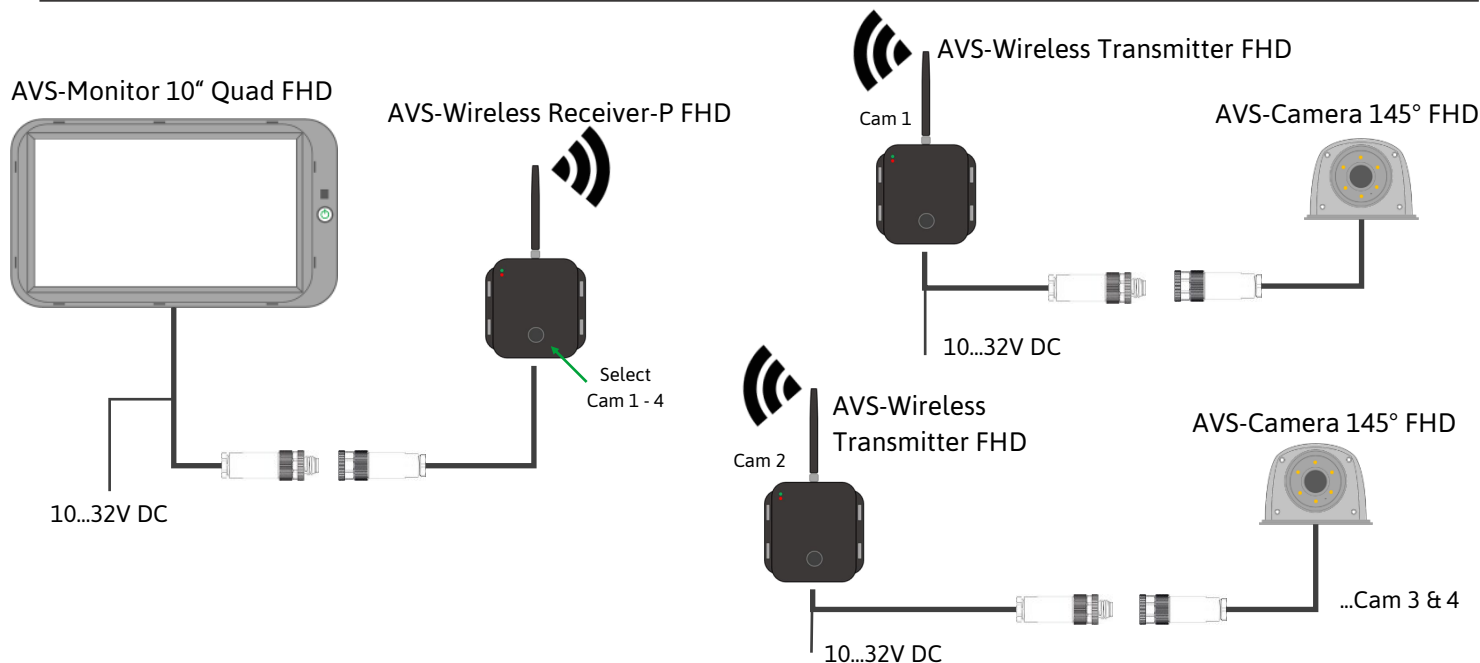


## Funksystem HD / Wireless System FHD



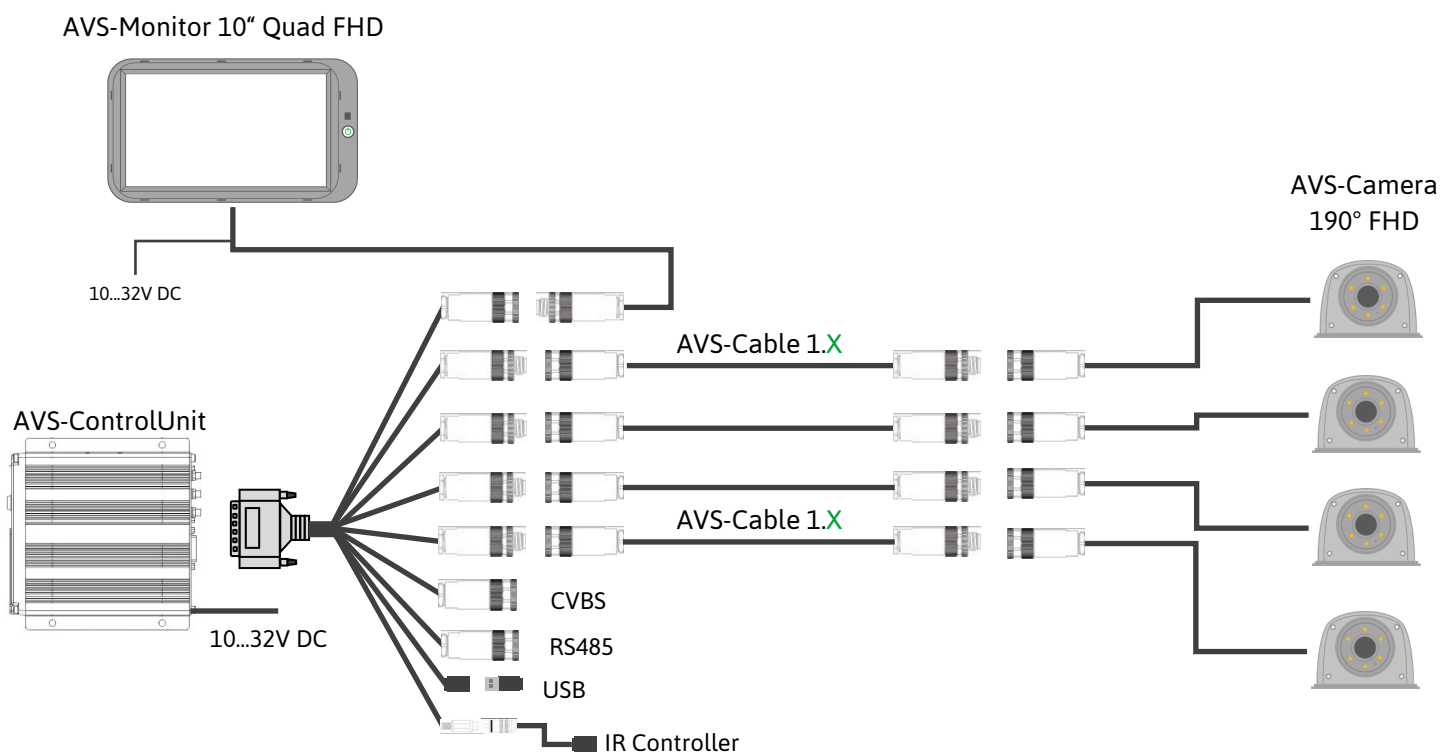
| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030001                       | AVS-Monitor 7" FHD            | 1                   |
| 3040054                       | ArkPack Wireless-Set-1        | 1                   |
| 3010126                       | AVS-Camera-KU 90° FHD         | 1                   |

## Funksystem HD / Wireless System FHD

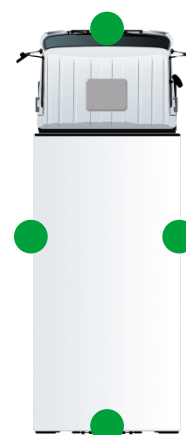
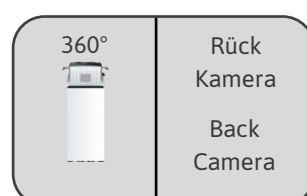
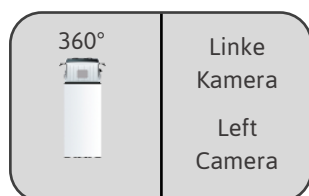
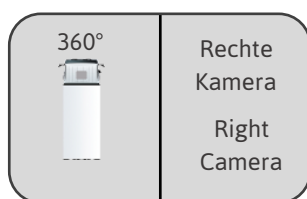


| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030006                       | AVS-Monitor 10" Quad FHD      | 1                   |
| 3050014                       | AVS-Wireless Receiver-P FHD   | 1                   |
| 3050005                       | AVS-Wireless Transmitter FHD  | 2                   |
| 3010009                       | AVS-Camera 145° FHD           | 2                   |

## Rundumsichtsystem 360° FHD / Birdview 360° FHD

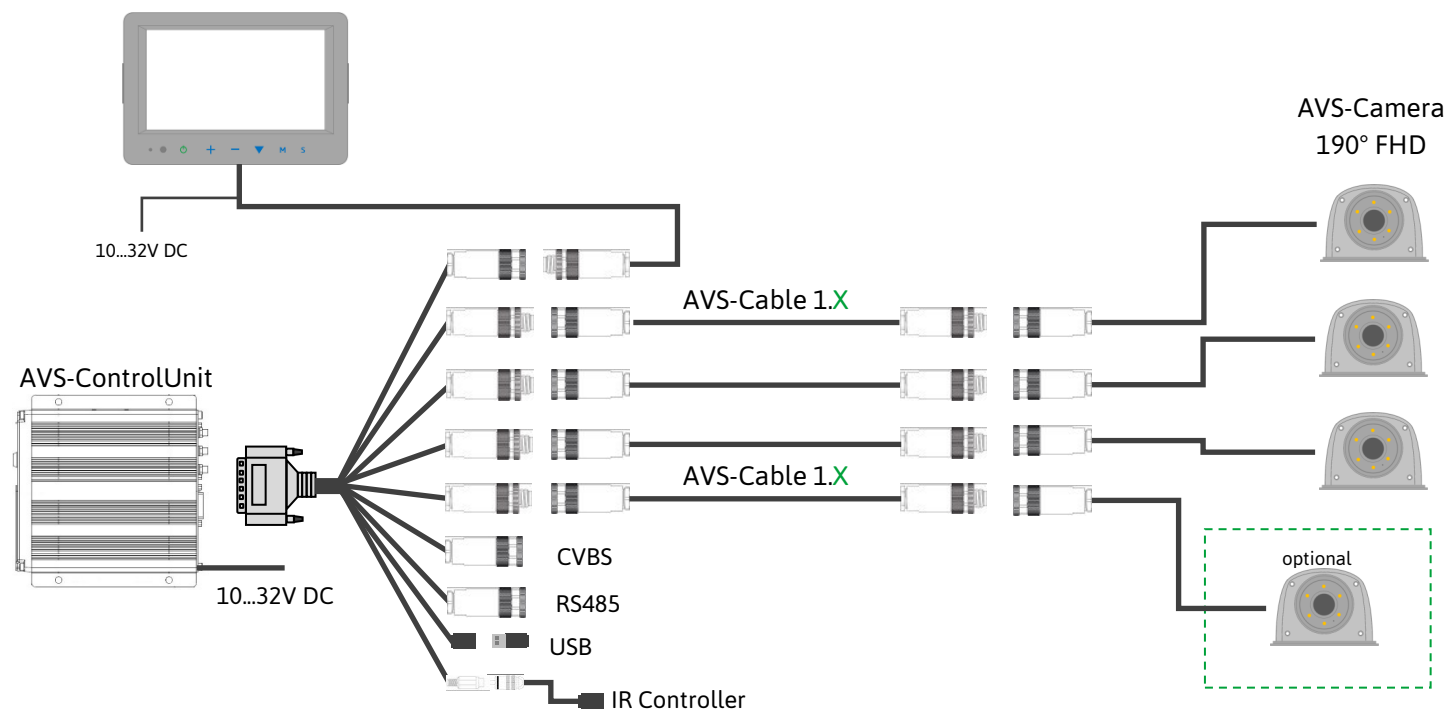


| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030006                       | AVS-Monitor 10" Quad FHD      | 1                   |
| 3020030                       | AVS-Cable 1.10 (10 Meter)     | 4                   |
| 3050001                       | AVS-ControlUnit Horizontal    | 1                   |
| 3010005                       | AVS-Camera 190° FHD           | 4                   |

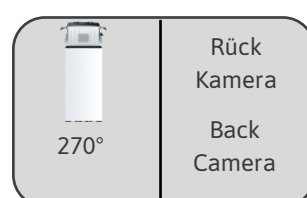
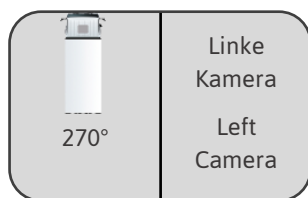
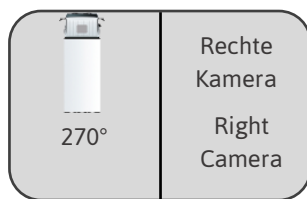
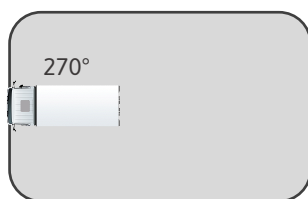


## Rundumsichtsystem 270° FHD / Birdview 270° FHD

AVS-Monitor 7" Quad FHD waterproof



| Artikelnummer/<br>Item number | Beschreibung /<br>Description | Stückzahl /Quantity |
|-------------------------------|-------------------------------|---------------------|
| 3030004                       | AVS-Monitor 7" Quad FHD w     | 1                   |
| 3020030                       | AVS-Cable 1.10 (10 Meter)     | 3                   |
| 3050001                       | AVS-ControlUnit Horizontal    | 1                   |
| 3010005                       | AVS-Camera 190° FHD           | 3                   |



## Monitore



Monitor 7"  
Touchscreen

|         |                    |                                                                                                                                |                                                                                                                             |
|---------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 3030001 | AVS-Monitor 7" FHD | <ul style="list-style-type: none"> <li>▪ Einzelbildansicht</li> <li>▪ 3x Kameraeingang</li> <li>▪ Schutzklasse IP30</li> </ul> | <ul style="list-style-type: none"> <li>▪ Single View</li> <li>▪ 3x Camera input</li> <li>▪ Protection class IP30</li> </ul> |
|---------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|



Monitor 7"  
Touchscreen

|         |                                    |                                                                                                                             |                                                                                                                           |
|---------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 3030004 | AVS-Monitor 7" Quad FHD waterproof | <ul style="list-style-type: none"> <li>▪ 4-Fach Ansicht</li> <li>▪ 4x Kameraeingang</li> <li>▪ Schutzklasse IP66</li> </ul> | <ul style="list-style-type: none"> <li>▪ Quad View</li> <li>▪ 4x Camera input</li> <li>▪ Protection class IP66</li> </ul> |
|---------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|



Monitor 10"  
Touchscreen

|         |                          |                                                                                                                             |                                                                                                                           |
|---------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 3030006 | AVS-Monitor 10" Quad FHD | <ul style="list-style-type: none"> <li>▪ 4-Fach Ansicht</li> <li>▪ 4x Kameraeingang</li> <li>▪ Schutzklasse IP30</li> </ul> | <ul style="list-style-type: none"> <li>▪ Quad View</li> <li>▪ 4x Camera input</li> <li>▪ Protection class IP66</li> </ul> |
|---------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|



RAM Halterung + Montageplatte  
RAM Mount + Mounting plate  
„B“-Kugel / „B“ Size Ball (1 Zoll)

|         |                   |                                                                        |                                                                         |
|---------|-------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 3310011 | AVS-ACC-RAM Set 1 | <ul style="list-style-type: none"> <li>▪ Gelenklänge 9,4cm</li> </ul>  | <ul style="list-style-type: none"> <li>▪ Joint length 9,4cm</li> </ul>  |
| 3310010 | AVS-ACC-RAM Set 2 | <ul style="list-style-type: none"> <li>▪ Gelenklänge 15,3cm</li> </ul> | <ul style="list-style-type: none"> <li>▪ Joint length 15,3cm</li> </ul> |
| 3310028 | AVS-ACC-RAM Set 3 | <ul style="list-style-type: none"> <li>▪ Gelenklänge 6,15cm</li> </ul> | <ul style="list-style-type: none"> <li>▪ Joint length 6,15cm</li> </ul> |

## Kamera / Camera



Auflösung 1920x1080 / Resolution 1920x1080  
 Beleuchtung IR / Lightning IR  
 Schutzklasse IP69K / Protection class IP69K

|         |                       |                   |                      |
|---------|-----------------------|-------------------|----------------------|
| 3010069 | AVS-Camera-U 25° FHD  | ▪ Bildwinkel 25°  | ▪ Viewing angle 25°  |
| 3010068 | AVS-Camera-U 40° FHD  | ▪ Bildwinkel 40°  | ▪ Viewing angle 40°  |
| 3010081 | AVS-Camera-U 70° FHD  | ▪ Bildwinkel 70°  | ▪ Viewing angle 70°  |
| 3010070 | AVS-Camera-U 90° FHD  | ▪ Bildwinkel 90°  | ▪ Viewing angle 90°  |
| 3010074 | AVS-Camera-U 110° FHD | ▪ Bildwinkel 110° | ▪ Viewing angle 110° |



Auflösung 1920x1080 / Resolution 1920x1080  
 Beleuchtung IR / Lightning IR  
 Schutzklasse IP69K / Protection class IP69K

|         |                     |                   |                      |
|---------|---------------------|-------------------|----------------------|
| 3010010 | AVS-Camera 105° FHD | ▪ Bildwinkel 105° | ▪ Viewing angle 105° |
| 3010009 | AVS-Camera 145° FHD | ▪ Bildwinkel 145° | ▪ Viewing angle 145° |
| 3010005 | AVS-Camera 190° FHD | ▪ Bildwinkel 190° | ▪ Viewing angle 190° |



Auflösung 1920x1080 / Resolution 1920x1080  
 Beleuchtung IR / Lightning IR  
 Schutzklasse IP69K / Protection class IP69K

|         |                       |                   |                      |
|---------|-----------------------|-------------------|----------------------|
| 3010124 | AVS-Camera-K 90° FHD  | ▪ Bildwinkel 90°  | ▪ Viewing angle 90°  |
| 3010089 | AVS-Camera-K 115° FHD | ▪ Bildwinkel 115° | ▪ Viewing angle 115° |



Auflösung 1920x1080 / Resolution 1920x1080  
 Beleuchtung IR / Lightning IR  
 Schutzklasse IP69K / Protection class IP69K

|         |                        |                   |                      |
|---------|------------------------|-------------------|----------------------|
| 3010126 | AVS-Camera-KU 90° FHD  | ▪ Bildwinkel 90°  | ▪ Viewing angle 90°  |
| 3010090 | AVS-Camera-KU 115° FHD | ▪ Bildwinkel 115° | ▪ Viewing angle 115° |

## Steuereinheit / Control Unit



Splitbox

|         |                  |                                                                                                                       |                                                                                                                        |
|---------|------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 3050020 | AVS-Splitbox FHD | <ul style="list-style-type: none"><li>▪ Splitansicht</li><li>▪ 2x Kameraeingang</li><li>▪ Schutzklasse IP30</li></ul> | <ul style="list-style-type: none"><li>▪ Split View</li><li>▪ 2x Camera input</li><li>▪ Protection class IP30</li></ul> |
|---------|------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|

## Personenerkennung / Pedestrian Detection



Pedestrian Set

|         |                    |                                                                                                                                             |                                                                                                                                             |
|---------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 3310035 | AVS-KMS Pedestrian | <ul style="list-style-type: none"> <li>1x Monitor (3030001)</li> <li>1x Kabel 10 Meter (3020030)</li> <li>1x AI-Kamera (3010114)</li> </ul> | <ul style="list-style-type: none"> <li>1x Monitor (3030001)</li> <li>1x Cable 10 Meter (3020030)</li> <li>1x AI-Camera (3010114)</li> </ul> |
|---------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|



Kamera für Personenerkennung  
Camera for Pedestrian Detection

|         |                      |                                                                                                           |                                                                                                                 |
|---------|----------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 3010114 | AVS-Camera-U 140° AI | <ul style="list-style-type: none"> <li>Bildwinkel 140°</li> <li>Schutzklasse IP69K</li> <li>IR</li> </ul> | <ul style="list-style-type: none"> <li>Viewing angle 110°</li> <li>Protection class IP30</li> <li>IR</li> </ul> |
|---------|----------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|



Wlan Antenne / Wifi Antenna  
Kalibrierung via Smartphone oder PC /  
Calibration via Smartphone oder PC

|         |                        |                                                                                        |                                                                                       |
|---------|------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 3040056 | AVS-Calibration-Kit AI | <ul style="list-style-type: none"> <li>Wlan Antenne für Kamera Kalibrierung</li> </ul> | <ul style="list-style-type: none"> <li>Wifi Antenne for Camera Calibration</li> </ul> |
|---------|------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|



Verlängerungskabel AVS-Camera-U X AI  
Extension cable AVS-Camera-U X AI

|         |                 |                                                                  |                                                                   |
|---------|-----------------|------------------------------------------------------------------|-------------------------------------------------------------------|
| 3020147 | AVS-Cable 31.5  | <ul style="list-style-type: none"> <li>Länge 5 Meter</li> </ul>  | <ul style="list-style-type: none"> <li>Length 5 Meter</li> </ul>  |
| 3020148 | AVS-Cable 31.10 | <ul style="list-style-type: none"> <li>Länge 10 Meter</li> </ul> | <ul style="list-style-type: none"> <li>Length 10 Meter</li> </ul> |





## Kameras / Cameras (PAL System)



Auflösung 976x596 / Resolution 976x596  
 Beleuchtung IR / Lightning IR  
 MiniDINW Stecker 4polig / MiniDINW Male 4pole

|         |                      |                  |                     |
|---------|----------------------|------------------|---------------------|
| 3010085 | AVS-Camera-U 90° PAL | ▪ Bildwinkel 90° | ▪ Viewing angle 90° |
|---------|----------------------|------------------|---------------------|



Auflösung 976x596 / Resolution 976x596  
 Beleuchtung IR / Lightning IR  
 M12A-kodiert Stecker 5polig / M12A-coded Male 5pole

|         |                       |                  |                     |
|---------|-----------------------|------------------|---------------------|
| 3010135 | AVS-Camera-UM 90° PAL | ▪ Bildwinkel 90° | ▪ Viewing angle 90° |
|---------|-----------------------|------------------|---------------------|



Adapter M12A-kodiert Stecker 5polig auf MiniDINW Buchse 4polig  
 Adapter M12A-kodiert Male 5polig to MiniDINW Female 4polig

|         |                  |                 |                  |
|---------|------------------|-----------------|------------------|
| 3020119 | AVS-Cable 22.0,2 | ▪ Länge 2 Meter | ▪ Length 2 Meter |
|---------|------------------|-----------------|------------------|

## Funksystem FHD / Wireless System FHD



Funk Sender & Wireless Transmitter (PAL/720p/1080p)  
 Funk Empfänger & Wireless Receiver (720p)  
 Schutzklasse IP69K / Protection class IP69K

|         |                              |                                                     |                                                          |
|---------|------------------------------|-----------------------------------------------------|----------------------------------------------------------|
| 3050014 | AVS-Wireless Receiver-P FHD  | ▪ Empfänger Stromversorgung über Monitor            | ▪ Receiver Power over Monitor                            |
| 3050005 | AVS-Wireless Transmitter FHD | ▪ Sender externe Stromversorgung                    | ▪ Transmitter external Power                             |
| 3310015 | AVS-Wireless-Set-P FHD       | ▪ Sender & Empfänger Set 3050005, 3050014 & 3020120 | ▪ Receiver & Transmitter Set 3050005 & 3050014 & 3020120 |



Stromkabel Wireless Transmitter (Länge 3 Meter)  
 Powercable Wireless Transmitter (Length 3 Meter)

|         |                |                              |                           |
|---------|----------------|------------------------------|---------------------------|
| 3020120 | AVS-Cable 23.5 | ▪ M12A-kodiert Buchse 5polig | ▪ M12A-coded Female 5pole |
|---------|----------------|------------------------------|---------------------------|



Akku System  
 Battery System

|         |                 |                  |                     |
|---------|-----------------|------------------|---------------------|
| 3040050 | ArkPack         | ▪ Gehäuse + Akku | ▪ Housing + Battery |
| 3040052 | ArkPack-Battery | ▪ Akku           | ▪ Battery           |
| 3040051 | ArkPack-AH      | ▪ Gehäuse        | ▪ Housing           |
| 3040053 | ArkPack-Charger | ▪ Ladegerät      | ▪ Charger           |



Lieferumfang / Scope of delivery:  
 ArkPack (3040050), ArkPack Battery (3040052), ArkPack Charger (3040053),  
 AVS-Wireless Receiver-P FHD (3050014) & AVS-Wireless Transmitter FHD (3050005)

|         |                        |                      |                             |
|---------|------------------------|----------------------|-----------------------------|
| 3040054 | ArkPack Wireless-Set-1 | ▪ Akku System + Funk | ▪ Battery System + Wireless |
|---------|------------------------|----------------------|-----------------------------|

## Rundumsicht / Bird View



Spannungsversorgung 10-32V DC / Power Supply 10-32V DC  
 Speicher 4x SD Karte Slot / Storage 4x SD Card Slot  
 Schutzklasse IP30 / Protection class IP30

|         |                 |                                                                                                            |                                                                                                     |
|---------|-----------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 3050001 | AVS-ControlUnit | <ul style="list-style-type: none"> <li>▪ Rundumsicht Steuereinheit 2D</li> <li>▪ 270° oder 360°</li> </ul> | <ul style="list-style-type: none"> <li>▪ Birdview ControlUnit 2D</li> <li>▪ 270° or 360°</li> </ul> |
|---------|-----------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|



Spannungsversorgung 10-32V DC / Power Supply 10-32V DC  
 Speicher 2x SD Karte Slot / Storage 2x SD Card Slot  
 Schutzklasse IP30 / Protection class IP30

|         |                 |                                                                                                               |                                                                                                        |
|---------|-----------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 3050003 | AVS-BirdView 3D | <ul style="list-style-type: none"> <li>▪ Rundumsicht Steuereinheit 3D/2D</li> <li>▪ 270° oder 360°</li> </ul> | <ul style="list-style-type: none"> <li>▪ Birdview ControlUnit 3D/2D</li> <li>▪ 270° or 360°</li> </ul> |
|---------|-----------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|



Auflösung 1920x1080 / Resolution 1920x1080  
 Beleuchtung IR / Lightning IR  
 Schutzklasse IP69K / Protection class IP69K

|         |                     |                                                                     |                                                                        |
|---------|---------------------|---------------------------------------------------------------------|------------------------------------------------------------------------|
| 3010005 | AVS-Camera 190° FHD | <ul style="list-style-type: none"> <li>▪ Bildwinkel 190°</li> </ul> | <ul style="list-style-type: none"> <li>▪ Viewing angle 190°</li> </ul> |
|         |                     |                                                                     |                                                                        |



|         |                       |                                                                                         |                                                                                                |
|---------|-----------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 3040001 | AVS-Calibration-Kit   | <ul style="list-style-type: none"> <li>▪ Kalibrierplatten</li> <li>▪ Maßband</li> </ul> | <ul style="list-style-type: none"> <li>▪ Calibration Mats</li> <li>▪ Measuring tape</li> </ul> |
| 3040031 | AVS-Calibration-Kit 2 | <ul style="list-style-type: none"> <li>▪ Kalibrierplatten für 3D System</li> </ul>      | <ul style="list-style-type: none"> <li>▪ Calibration Mats for 3D System</li> </ul>             |

## DVR (Videorekorder / Videorecorder)



Monitor 10" für DVR  
Monitor 10" for DVR

|         |                         |                                                                                                                           |                                                                                                                              |
|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 3030005 | AVS-Monitor 10" DVR FHD | <ul style="list-style-type: none"> <li>Nur für DVR</li> <li>Bedienung DVR via Touch</li> <li>Schutzklasse IP30</li> </ul> | <ul style="list-style-type: none"> <li>Only for DVR</li> <li>Control DVR via Touch</li> <li>Protection class IP30</li> </ul> |
|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|



Videorekorder 4 Kanal  
Videorecorder 4 Channel

|         |                  |                                                                                                                           |                                                                                                                            |
|---------|------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 3050008 | AVS-DVR1 4CH FHD | <ul style="list-style-type: none"> <li>4x SD Karten Slot</li> <li>4x Kameraeingang</li> <li>Schutzklasse IP69K</li> </ul> | <ul style="list-style-type: none"> <li>4x SD Card Slot</li> <li>4x Camera input</li> <li>Protection class IP69K</li> </ul> |
|---------|------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|



Videorekorder 4 Kanal  
Videorecorder 4 Channel

|         |                  |                                                                                                                                       |                                                                                                                                        |
|---------|------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 3050012 | AVS-DVR3 4CH FHD | <ul style="list-style-type: none"> <li>1x 1TB SSD, 1x SD Karten Slot</li> <li>4x Kameraeingang</li> <li>Schutzklasse IP69K</li> </ul> | <ul style="list-style-type: none"> <li>1x 1TB SSD, 1x SD Card Slot</li> <li>4x Camera input</li> <li>Protection class IP69K</li> </ul> |
|---------|------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|



Videorekorder 4 Kanal  
Videorecorder 4 Channel

|         |                  |                                                                                                                                        |                                                                                                                                         |
|---------|------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 3050016 | AVS-DVR4 4CH FHD | <ul style="list-style-type: none"> <li>1x SSD Slot, 1x SD Karten Slot</li> <li>4x Kameraeingang</li> <li>Schutzklasse IP69K</li> </ul> | <ul style="list-style-type: none"> <li>1x SSD Slot, 1x SD Card Slot</li> <li>4x Camera input</li> <li>Protection class IP69K</li> </ul> |
|---------|------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|



Videorekorder 8 Kanal  
Videorecorder 8 Channel

|         |                  |                                                                                                                                       |                                                                                                                                        |
|---------|------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 3050013 | AVS-DVR3 8CH FHD | <ul style="list-style-type: none"> <li>1x 1TB SSD, 1x SD Karten Slot</li> <li>8x Kameraeingang</li> <li>Schutzklasse IP69K</li> </ul> | <ul style="list-style-type: none"> <li>1x 1TB SSD, 1x SD Card Slot</li> <li>8x Camera input</li> <li>Protection class IP69K</li> </ul> |
|---------|------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|

## Kabel / Cable



Verbindungskabel M12A/4p  
Connection cable M12A/4p

|                                                             |                |                  |                   |
|-------------------------------------------------------------|----------------|------------------|-------------------|
| 3020085                                                     | AVS-Cable 1.1  | ▪ Länge 1 Meter  | ▪ Length 1 Meter  |
| 3020121                                                     | AVS-Cable 1.2  | ▪ Länge 2 Meter  | ▪ Length 2 Meter  |
| 3020028                                                     | AVS-Cable 1.3  | ▪ Länge 3 Meter  | ▪ Length 3 Meter  |
| 3020029                                                     | AVS-Cable 1.5  | ▪ Länge 5 Meter  | ▪ Length 5 Meter  |
| 3020122                                                     | AVS-Cable 1.7  | ▪ Länge 7 Meter  | ▪ Length 7 Meter  |
| 3020030                                                     | AVS-Cable 1.10 | ▪ Länge 10 Meter | ▪ Length 10 Meter |
| 3020031                                                     | AVS-Cable 1.15 | ▪ Länge 15 Meter | ▪ Length 15 Meter |
| 3020035                                                     | AVS-Cable 1.20 | ▪ Länge 20 Meter | ▪ Length 20 Meter |
|                                                             |                |                  |                   |
| <b>*weitere Längen auf Anfrage / other length on demand</b> |                |                  |                   |



Spiral Verbindungskabel M12A/4p  
Spiral Connection cable M12A/4p

|         |               |                 |                  |
|---------|---------------|-----------------|------------------|
| 3020072 | AVS-Cable 7.3 | ▪ Länge 3 Meter | ▪ Length 3 Meter |
| 3020073 | AVS-Cable 7.6 | ▪ Länge 6 Meter | ▪ Length 6 Meter |



Mastkabel für Gabelstapler M12A/4p  
Mast cable for Forklift M12A/4p

|                                                             |                 |                  |                   |
|-------------------------------------------------------------|-----------------|------------------|-------------------|
| 3020087                                                     | AVS-Cable 14.6  | ▪ Länge 6 Meter  | ▪ Length 6 Meter  |
| 3020088                                                     | AVS-Cable 14.8  | ▪ Länge 8 Meter  | ▪ Length 8 Meter  |
| 3020092                                                     | AVS-Cable 14.10 | ▪ Länge 10 Meter | ▪ Length 10 Meter |
| 3020089                                                     | AVS-Cable 14.12 | ▪ Länge 12 Meter | ▪ Length 12 Meter |
| 3020090                                                     | AVS-Cable 14.14 | ▪ Länge 14 Meter | ▪ Length 14 Meter |
| 3020114                                                     | AVS-Cable 14.15 | ▪ Länge 15 Meter | ▪ Length 15 Meter |
| 3020091                                                     | AVS-Cable 14.16 | ▪ Länge 16 Meter | ▪ Length 16 Meter |
| <b>*weitere Längen auf Anfrage / other length on demand</b> |                 |                  |                   |



Schleppkettenkable für Abfallsammelfahrzeuge M12A/5p  
Drag chain cable for waste collection vehicles M12A/5p

|         |                |                 |                  |
|---------|----------------|-----------------|------------------|
| 3020080 | AVS-Cable 13.5 | ▪ Länge 5 Meter | ▪ Length 5 Meter |
|---------|----------------|-----------------|------------------|

## Kabel / Cable



Adapter für Motec / Brigade (Länge 0,2 Meter)  
Adapter for Motec / Brigade (Length 0,2 Meter)

|         |                 |                             |                 |
|---------|-----------------|-----------------------------|-----------------|
| 3020036 | AVS-Cable 3.0,2 | ▪ M12A-F-4p / MiniDINW-F-4p | Monitor         |
| 3020060 | AVS-Cable 6.0,2 | ▪ M12A-M-4p / MiniDINW-M-4p | Kamera / Camera |



Adapter für Motec (Länge 0,2 Meter)  
Adapter for Motec (Length 0,2 Meter)

|         |                 |                         |                 |
|---------|-----------------|-------------------------|-----------------|
| 3020051 | AVS-Cable 4.0,2 | ▪ M12A-F-4p / M12A-F-5p | Monitor         |
| 3020052 | AVS-Cable 5.0,2 | ▪ M12A-M-4p / M12A-M-5p | Kamera / Camera |



Adapter Rundumsicht Cinch (Länge 3 Meter)  
Adapter Bird View Cinch (Length 3 Meter)

|         |               |                       |                      |
|---------|---------------|-----------------------|----------------------|
| 3020074 | AVS-Cable 8.3 | ▪ M12A-M/4p auf Cinch | ▪ M12A-M/4p to Cinch |
|---------|---------------|-----------------------|----------------------|



Adapter Kamera Cinch + Stromversorgung (Länge 0,5 Meter)  
Adapter Camera Cinch + Power Supply (Length 0,5 Meter)

|         |                 |                       |                      |
|---------|-----------------|-----------------------|----------------------|
| 3020032 | AVS-Cable 2.0,5 | ▪ M12A-M/4p auf Cinch | ▪ M12A-M/4p to Cinch |
|---------|-----------------|-----------------------|----------------------|



Adapter für Motec / Orlaco (Länge 0,2 Meter)  
Adapter for Motec / Orlaco (Length 0,2 Meter)

|         |                  |                        |                 |
|---------|------------------|------------------------|-----------------|
| 3020093 | AVS-Cable 16.0,2 | ▪ M12A-F-4p / M16-F-4p | Monitor         |
| 3020094 | AVS-Cable 17.0,2 | ▪ M12A-M-4p / M16-M-4p | Kamera / Camera |



Adapter Motec Steuereinheit (MBxxxx, Länge 1 Meter)  
Adapter Motec ControlUnit (MBxxxx, Length 1 Meter)

|         |                |                          |                    |
|---------|----------------|--------------------------|--------------------|
| 3020086 | AVS-Cable 11.1 | ▪ M12A-F-4p / SUBMIND 9p | ▪ Monitor - MBxxxx |
|---------|----------------|--------------------------|--------------------|



Splittkabel 1 Kameraeingang auf 2 Ausgänge (Länge 1 Meter)  
Split cable 1 camera input to 2 outputs (Length 1 Meter)

|         |                |                               |                              |
|---------|----------------|-------------------------------|------------------------------|
| 3020130 | AVS-Cable 29.1 | ▪ 1x M12 M 4p auf 2x M12 F 4p | ▪ 1x M12 M 4p to 2x M12 F 4p |
|---------|----------------|-------------------------------|------------------------------|

## Kabel / Cable



Motec Ersatzartikel MKS M12A-F-5p auf M12A-M-5p  
Motec Replacement article MKS M12A-F-5p to M12A-M-5p

|         |                  |                   |                    |
|---------|------------------|-------------------|--------------------|
| 3020101 | AVS-Cable 19.1   | ▪ Länge 1 Meter   | ▪ Length 1 Meter   |
| 3020102 | AVS-Cable 19.1,5 | ▪ Länge 1,5 Meter | ▪ Length 1,5 Meter |
| 3020103 | AVS-Cable 19.2   | ▪ Länge 2 Meter   | ▪ Length 2 Meter   |
| 3020104 | AVS-Cable 19.3   | ▪ Länge 3 Meter   | ▪ Length 3 Meter   |
| 3020105 | AVS-Cable 19.5   | ▪ Länge 5 Meter   | ▪ Length 5 Meter   |
| 3020106 | AVS-Cable 19.10  | ▪ Länge 10 Meter  | ▪ Length 10 Meter  |
|         |                  |                   |                    |

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



Motec Ersatzartikel MK496 MiniDIN-M-4p auf M12A-F-5p  
Motec Replacement article MK496 MiniDIN-M-4p to M12A-F-5p

|         |                |                 |                  |
|---------|----------------|-----------------|------------------|
| 3020107 | AVS-Cable 20.1 | ▪ Länge 1 Meter | ▪ Length 1 Meter |
| 3020108 | AVS-Cable 20.6 | ▪ Länge 6 Meter | ▪ Length 6 Meter |



Motec Ersatzartikel MKW MiniDIN-M-4p auf MiniDINW-F-4p  
Motec Replacement article MKW MiniDIN-M-4p to MiniDINW-F-4p

|         |                 |                  |                   |
|---------|-----------------|------------------|-------------------|
| 3020097 | AVS-Cable 18.5  | ▪ Länge 5 Meter  | ▪ Length 5 Meter  |
| 3020098 | AVS-Cable 18.10 | ▪ Länge 10 Meter | ▪ Length 10 Meter |
| 3020099 | AVS-Cable 18.15 | ▪ Länge 15 Meter | ▪ Length 15 Meter |
| 3020100 | AVS-Cable 18.20 | ▪ Länge 20 Meter | ▪ Length 20 Meter |
|         |                 |                  |                   |

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

## Kabel / Cable



Mastkabel für Gabelstapler M12A/5p  
Mast cable for Forklift M12A/5p

|                                                             |                 |                  |                   |
|-------------------------------------------------------------|-----------------|------------------|-------------------|
| 3020076                                                     | AVS-Cable 15.6  | ▪ Länge 6 Meter  | ▪ Length 6 Meter  |
| 3020077                                                     | AVS-Cable 15.8  | ▪ Länge 8 Meter  | ▪ Length 8 Meter  |
| 3020078                                                     | AVS-Cable 15.10 | ▪ Länge 10 Meter | ▪ Length 10 Meter |
| 3020079                                                     | AVS-Cable 15.12 | ▪ Länge 12 Meter | ▪ Length 12 Meter |
| 3020083                                                     | AVS-Cable 15.14 | ▪ Länge 14 Meter | ▪ Length 14 Meter |
| 3020109                                                     | AVS-Cable 15.15 | ▪ Länge 15 Meter | ▪ Length 15 Meter |
| 3020084                                                     | AVS-Cable 15.16 | ▪ Länge 16 Meter | ▪ Length 16 Meter |
| 3020123                                                     | AVS-Cable 15.20 | ▪ Länge 20 Meter | ▪ Length 20 Meter |
| <b>*weitere Längen auf Anfrage / other length on demand</b> |                 |                  |                   |



Mastkabel für Gabelstapler M16/4p  
Mast cable for Forklift M16/4p

|                                                             |                 |                  |                   |
|-------------------------------------------------------------|-----------------|------------------|-------------------|
| 3020116                                                     | AVS-Cable 21.6  | ▪ Länge 6 Meter  | ▪ Length 6 Meter  |
| 3020117                                                     | AVS-Cable 21.8  | ▪ Länge 8 Meter  | ▪ Length 8 Meter  |
| 3020118                                                     | AVS-Cable 21.10 | ▪ Länge 10 Meter | ▪ Length 10 Meter |
| 3020126                                                     | AVS-Cable 21.13 | ▪ Länge 13 Meter | ▪ Length 13 Meter |
|                                                             |                 | ▪                | ▪                 |
| <b>*weitere Längen auf Anfrage / other length on demand</b> |                 |                  |                   |



Adapter DVR Monitor (Länge 2 Meter)  
Adapter DVR Monitor (Length 2 Meter)

|         |               |                  |                 |
|---------|---------------|------------------|-----------------|
| 3020075 | AVS-Cable 9.2 | ▪ CVBS 6p auf 4p | ▪ CVBS 6p to 4p |
|---------|---------------|------------------|-----------------|



Verlängerung DVR Monitor (Länge 5 Meter)  
Extension Cable DVR Monitor (Length 5 Meter)

|         |                |                  |                 |
|---------|----------------|------------------|-----------------|
| 3020124 | AVS-Cable 24.5 | ▪ CVBS 6p auf 6p | ▪ CVBS 6p to 6p |
|---------|----------------|------------------|-----------------|

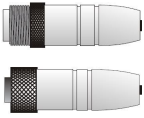


Adapter DVR Monitor (Länge 5 Meter)  
Extension Cable DVR Monitor (Length 5 Meter)

|         |                |                    |                   |
|---------|----------------|--------------------|-------------------|
| 3020125 | AVS-Cable 25.5 | ▪ CVBS 10p auf 10p | ▪ CVBS 10p to 10p |
|---------|----------------|--------------------|-------------------|



## Stecker Selbstmontage / Connector Self assembly



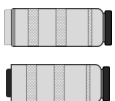
M12A kodiert 5p für Selbstmontage  
M12A coded 5p for Self assembly

|         |                       |                  |                  |
|---------|-----------------------|------------------|------------------|
| 1040007 | M12-M-A-5p shielded   | ▪ Kabel Ø 8-10mm | ▪ Cabel Ø 8-10mm |
| 1040008 | M12-F-A-5p shielded   | ▪ Kabel Ø 8-10mm | ▪ Cabel Ø 8-10mm |
| 1040011 | M12-F-A-5p unshielded | ▪ Kabel Ø 6-8mm  | ▪ Cabel Ø 6-8mm  |
| 1040012 | M12-F-A-5p unshielded | ▪ Kabel Ø 4-6mm  | ▪ Cabel Ø 4-6mm  |
| 1040013 | M12-M-A-5p unshielded | ▪ Kabel Ø 6-8mm  | ▪ Cabel Ø 6-8mm  |
| 1040014 | M12-M-A-5p unshielded | ▪ Kabel Ø 4-6mm  | ▪ Cabel Ø 4-6mm  |
| 1040017 | M12-F-A-5p            | ▪ Kabel Ø 6-8mm  | ▪ Cabel Ø 6-8mm  |
| 1040018 | M12-F-A-5p            | ▪ Kabel Ø 4-6mm  | ▪ Cabel Ø 4-6mm  |
| 1040019 | M12-M-A-5p            | ▪ Kabel Ø 6-8mm  | ▪ Cabel Ø 6-8mm  |
| 1040020 | M12-M-A-5p            | ▪ Kabel Ø 4-6mm  | ▪ Cabel Ø 4-6mm  |



RD24/7p für Selbstmontage  
RD24/7p for Self assembly

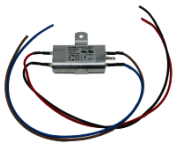
|         |               |                 |                 |
|---------|---------------|-----------------|-----------------|
| 1040015 | RD24-M-7p-PG9 | ▪ Kabel Ø 6-8mm | ▪ Cabel Ø 6-8mm |
| 1040016 | RD24-F-7p-PG9 | ▪ Kabel Ø 6-8mm | ▪ Cabel Ø 6-8mm |



M16/4p für Selbstmontage  
M16/4p for Self assembly

|         |                           |                 |                 |
|---------|---------------------------|-----------------|-----------------|
| 1040021 | M16-M-4p unshielded 4-6mm | ▪ Kabel Ø 4-6mm | ▪ Cabel Ø 4-6mm |
| 1040022 | M16-F-4p unshielded 4-6mm | ▪ Kabel Ø 4-6mm | ▪ Cabel Ø 4-6mm |
| 1040029 | M16-M-4p shielded 6-8mm   | ▪ Kabel Ø 6-8mm | ▪ Cabel Ø 6-8mm |
| 1040030 | M16-F-4p shielded 6-8mm   | ▪ Kabel Ø 6-8mm | ▪ Cabel Ø 6-8mm |

## Zubehör / Accessories



|         |               |                 |                       |
|---------|---------------|-----------------|-----------------------|
| 3040022 | Ark-ACC-EF102 | ▪ Entstörfilter | ▪ Interference filter |
|---------|---------------|-----------------|-----------------------|



Potentialtrennung / Galvanic separation  
80/48V DC auf 24V DC / 80/48V DC to 24V DC

|         |                                  |                    |                          |
|---------|----------------------------------|--------------------|--------------------------|
| 3040025 | Ark-ACC-DC-Converter<br>80/48-24 | ▪ Spannungswandler | ▪ Power Supply Converter |
|---------|----------------------------------|--------------------|--------------------------|



48V DC auf 12V DC / 48V DC to 12V DC

|         |                               |                    |                          |
|---------|-------------------------------|--------------------|--------------------------|
| 3040032 | Ark-ACC-DC-Converter<br>48-12 | ▪ Spannungswandler | ▪ Power Supply Converter |
|---------|-------------------------------|--------------------|--------------------------|



|         |              |                      |                     |
|---------|--------------|----------------------|---------------------|
| 3040028 | Ark-ACC-PS   | ▪ Umlenkrolle (92mm) | ▪ Pulley Set (92mm) |
| 3040039 | Ark-ACC-PS-1 | ▪ Umlenkrolle (75mm) | ▪ Pulley Set (75mm) |



Zugentlastungsset für Mastkabel AVS-Cable 14.x oder 15.x  
Strain relief set for mast cable AVS-Cable 14.x or 15.x  
Lieferumfang 2x Zugentlastungsset / Scope of delivery 2x Strain relief set

|         |             |                     |                     |
|---------|-------------|---------------------|---------------------|
| 3040027 | Ark-ACC-MSZ | ▪ Zugentlastungsset | ▪ Strain relief set |
|---------|-------------|---------------------|---------------------|



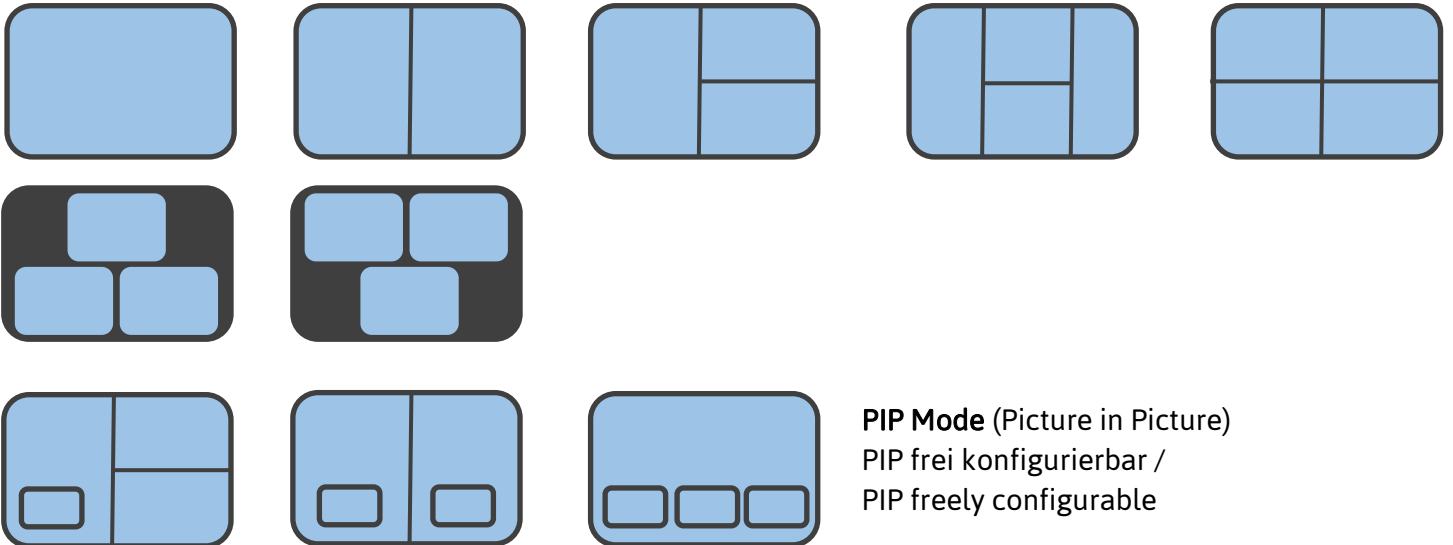
Spiralkabel-Zugentlastungsset für AVS-Cable 7.x  
Spiral cable strain relief set for AVS-Cable 7.x  
Lieferumfang 2x Zugentlastung / Scope of delivery 2x Strain relief

|         |             |                                 |                                  |
|---------|-------------|---------------------------------|----------------------------------|
| 3040040 | Ark-ACC-SZS | ▪ Spiralkabel-Zugentlastungsset | ▪ Spiral cable strain relief set |
|---------|-------------|---------------------------------|----------------------------------|

## Monitor mit Quad Funktion / Monitor with Quad View

Mögliche Bildansichten

Possible Picture view



**PIP Mode** (Picture in Picture)

PIP frei konfigurierbar /

PIP freely configurable



**SP Mode**

Alle vier Kamerabilder können frei konfiguriert werden /

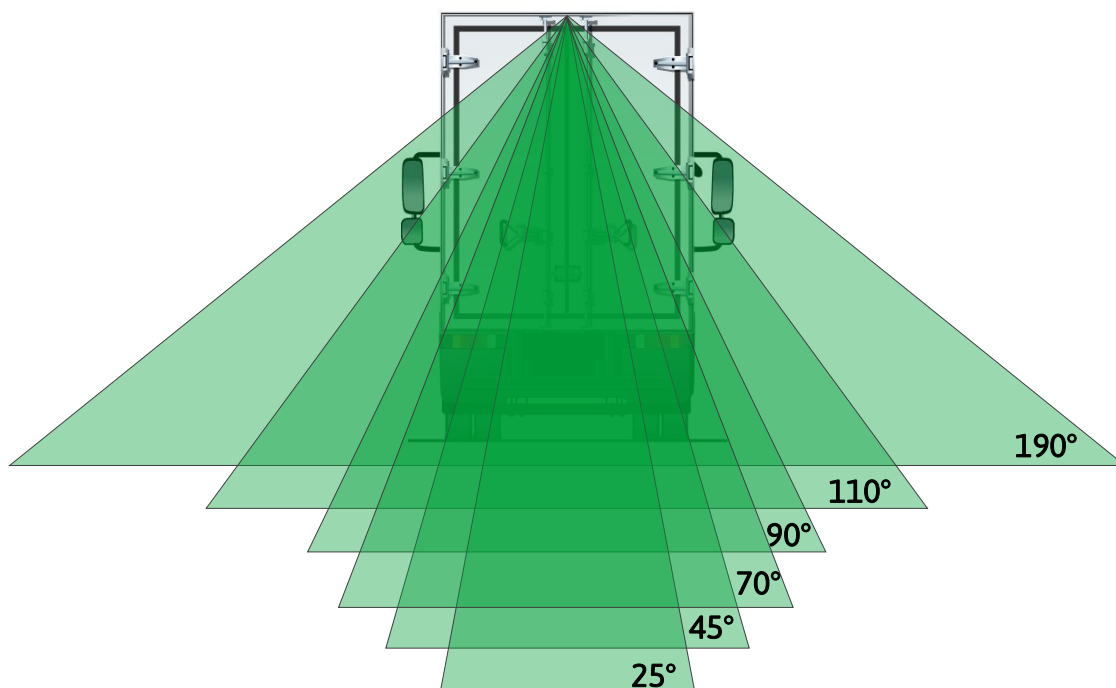
All four camera pictures can be freely configured



## Bildwinkel / Viewing angle

Angegeben Bildwinkel sind immer horizontal

Specified viewing angle are always horizontal



## Stromversorgung / Power supply

Monitore 10-32V DC

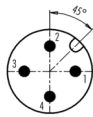
Kameras / Cameras 12V DC

Wireless 10-32V DC

Control Unit 10-32V DC

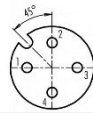
DVR 10-32V DC

## Stecker / Connector



M12A-M-4p = M12 A-kodiert, Stecker, 4polig, IP67

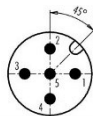
M12A-M-4p = M12 A-coded, Male, 4pole, IP67



M12A-F-4p = M12 A-kodiert, Buchse, 4polig, IP67

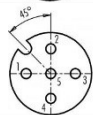
M12A-F-4p = M12 A-coded, Female, 4pole, IP67

## Ark Vision Systems Standard



M12A-M-5p = M12 A-kodiert, Stecker, 5polig, IP67

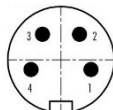
M12A-M-5p = M12 A-coded, Male, 5pole, IP67



M12A-F-5p = M12 A-kodiert, Buchse, 5polig, IP67

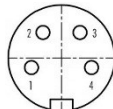
M12A-F-5p = M12 A-coded, Female, 5pole, IP67

## Motec Standard



M16-M-4p = M16, Stecker, 4polig, IP67

M16-M-4p = M16, Male, 4pole, IP67



M16-F-4p = M16, Stecker, 4polig, IP67

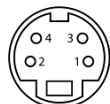
M16-F-4p = M12, Male, 4pole, IP67

## Orlaco Standard



MiniDIN-M-4p = MiniDIN, Stecker, 4polig, IP30

MiniDIN-M-4p = MiniDIN, Male, 4pole, IP30



MiniDINW-F-4p = MiniDIN, Buchse, 5polig, W=IP67

MiniDINW-F-4p = MiniDIN, Female, 5pole, W=IP67



MiniDINW-M-4p = MiniDIN, Stecker, 4polig, IP30

MiniDINW-M-4p = MiniDIN, Male, 4pole, IP30

## Brigade / Motec

