# Camera Systems



# Kramp Camera Systems

Out in the field, you need comfort, good posture, and visibility from different angles. The Kramp range of camera systems and accessories has been specifically designed with your needs and the harsh environments in mind.

With our cameras, you can cover all angles and benefit from universal and interchangeable accessories. Just plug your system in and have a comfortable ride. It's that easy!



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### Choosing the Right Camera Angle

It is important to properly adjust a camera on a vehicle, as this will ensure you get the right image. It is also important to ensure the camera is pointing in the right direction, and to select the right camera for the image you want to capture.

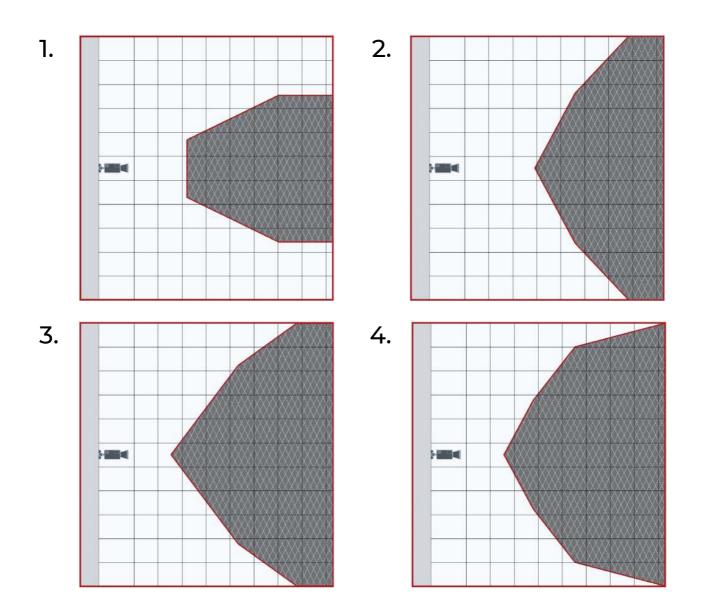
In addition to choosing the correct angle for the camera, it is also important to look at the working conditions and use a camera that best suits a particular situation. After all, a detailed image requires a different viewing angle than a general image.

#### **Image Quality**

Image quality is another important point to consider when choosing a camera. The difference in image quality is reflected in the number of pixels that a camera can record. In practice, a distinction is made between normal and high image quality, or resolution. The current Kramp range of cameras and monitors (CAS66..) have regular image quality.

#### Which camera has what angle and what does this look like?

Before you buy a camera, it is important to consider what needs to be in the picture. There are cameras with different horizontal viewing angles. So first ask yourself whether you need a detailed image or a wide general view.



#### Option 1: Camera with 45° angle

A camera with this angle has a relatively narrow and deep image, which is very suitable if you need a detailed image. But because the narrower image is displayed across the full width of the monitor, it will be distorted.

#### Option 2: Camera with 70° angle

This viewing angle is often used to record activities like mowing or sowing that require a good image across a limited width.

#### Option 3: Camera with a 92° angle

This camera with a 92° angle produces a realistic representation of the situation. The image of this camera does not distort reality and is therefore included as standard in most camera sets.

#### Option 4: Camera with a 114° angle

This camera has a 114° angle, producing the largest image on the monitor. You can see that the image produced is very wide. Because this width has to be shown on a regular monitor, the image will be distorted.

### Quick Reference - Part Numbers

CAS660xxKR All Cameras

CAS660xxMKR All Motorshutter Cameras

CAS661xxKR Adaptor/Connection Cables

CAS662xxKR Extension Cables

CAS663xxKR Adaptor Cables to other

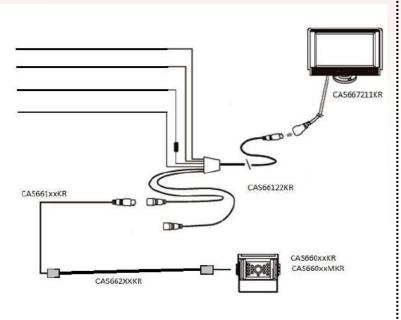
screens/monitors

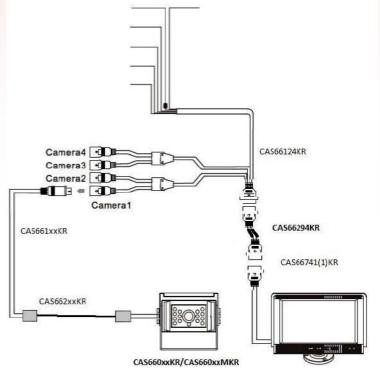
### **Technical Drawings**

2 & 4 Camera Systems

CAS66720(1)KR 7" Monitor with Dual Screen 2 Cameras

CAS66740(1) 7" Monitor with QUAD Screen
4 Cameras
CAS669401 10" Monitor with QUAD Screen
4 Cameras





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Other Cameras, Monitors, Cables and Accessories avaliable upon request



# Camera Systems

### Camera System 7" TFT

**KR-CAS667201KR** 

Camera: Waterproof IP68

Monitor: Not Waterproof IP30

1 x Colour Camera 92° mirrored

1 x 20m Connecting Cable

1x Colour 7" Monitor + Accessories

1x Remote Control







#### Camera System 7" TFT

This quality camera system offers improved visibility in low-light conditions, long service life and resistance to vibrations. The colour screen helps you to easily reverse and better monitor your work and blind spots.

# Camera System 7" Quad 114° KR-CAS667301KR

Camera: Waterproof IP68

Monitor: Not Waterproof IP30

1 x Camera 114°

1 x 20m Connecting Cable

1x Remote Control

1x Widescreen Colour & Sound 7"

Monitor + Accessories







#### Camera System 7" Quad TFT

This robust camera system stands out with it's 4 camera inputs which can all be viewed in the monitor as a split screen or individually. This makes it suitable for process monitoring and reserving actions for various machinery.

# Camera Systems

### Camera System 7" Quad TFT KR-CAS667401KR

Camera: Waterproof IP68

Monitor: Not Waterproof IP30

1 x Colour Camera 92° mirrored

1 x 20m Connecting Cable

1 x Colour 7" Monitor + Accessories

1x Remote Control







#### Camera System 7" TFT

This camera system has it all: 4 camera inputs, quality image, long service life, improved visibility, resistance to vibrations and a wide view. It can be used in challenging environments where simultaneous monitoring is needed.

# Camera System 10" Quad TFT KR-CAS669401KR

Camera: Waterproof IP68

Monitor: Not Waterproof IP30

1 x Colour Camera 90°

1 x 20m Connecting Cable

1 x Colour 10" Monitor







#### Camera System 10" Quad TFT

If you would like to get the same quality of 4 simultaneous images, but on a larger monitor, this is the camera system for you. The automatic image adjustment feature shows the best possible picture and reduces rapid eye fatigue.

### **Monitors**

### Colour Monitor TFT-LCD 7"

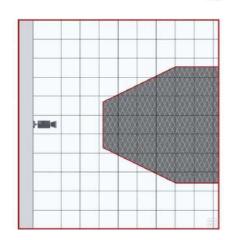
**KR-CAS667211KR** 

No Power Cable Included
Suitable for: CAS667201KR
Not Waterproof IP30
2 x Camera Inputs
Suitable for 12-24V
Can be mounted with KR-RAMB238
Vibration Resistant



### Cameras





#### **45° Camera** KR-CAS66045KR

Specifications: With Infrared LED'S Camera is Waterproof (IP68) Horizontal Viewing Angle: 45°

Power Cable: No

Supply Voltage Range: 0-12V

Connections Type: 6-Pin

Suitable for Camera Systems: CAS667201KR, CAS667401KR, CAS667401KR

Comes with: Camera, 0.5m Cable, 6 Pin DIN Connector



#### **70° Camera** KR-CAS66070KR

Specifications: With Infrared LED'S Camera is Waterproof (IP68)
Horizontal Viewing Angle: 70°

Power Cable: No

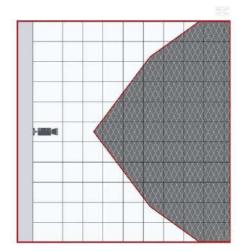
Supply Voltage Range: 0-12V

Connections Type: 6-Pin

Suitable for Camera Systems: CAS667201KR, CAS667401KR, CAS669401KR

Comes with: Camera, 0.5m Cable, 6 Pin DIN Connector





#### 92° Camera KR-CAS66092KR

Specifications: With Infrared LED'S

Camera is Waterproof (IP68) Horizontal Viewing Angle: 92°

Power Cable: No

Supply Voltage Range: 0-12V

Connections Type: 6-Pin

Working Temperature Range: -30° - 70°

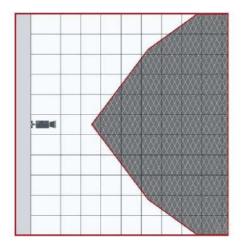
Suitable for Camera Systems: CAS667201KR, CAS667401KR, CAS669401KR

Comes with:

Camera, 0.5m Cable, 6 Pin DIN

Connector





# 92° Motorized Shutter Camera KR-CAS66092MKR

Specifications: With Infrared LED'S

Camera is Waterproof (IP68) Horizontal Viewing Angle: 92° Supply Voltage Range: 0-12V

Connections Type: 6-Pin

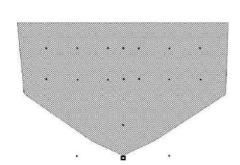
Suitable for Camera Systems: CAS667201KR, CAS667401KR

Comes with:

Camera, 0.5m Cable, 6 Pin DIN

Connector





#### 110° Colour Camera KR-CAS66015KR

Horizontal Viewing Angle: 110°

Power Cable: No

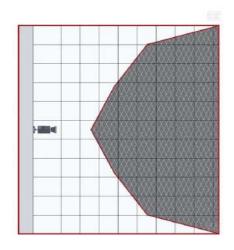
Supply Voltage Range: 0-12V

Connections Type: 6-Pin

Comes with:

Camera, 0.5m Cable





#### 114° Camera KR-CAS66012KR

Specifications: With Infrared LED'S

Camera is Waterproof (IP68) Horizontal Viewing Angle: 114°

Power Cable: No

Supply Voltage Range: 0-12V

Connections Type: 6-Pin

Suitable for Camera Systems: CAS667201KR, CAS667401KR

Comes with: Camera, 0.5m Cable, 6 Pin DIN Connector



### 114° Heated Camera

KR-CAS66012HKR

#### Properties:

- Internal Heating
- Needs External Power for the Heating
- Has Lens Heating

Horizontal Viewing Angle: 114°



126° Ball Camera KR-CAS66051KR

Supply Voltage Range: 0-12V



130° Colour Camera KR-CAS66011KR

Horizontal Viewing Angle: 130°

Power Cable: No

Supply Voltage Range: 0-12V

Connections Type: 6-Pin

Comes with:

Camera, 0.5m Cable



### Work Light LED With Camera

KR-CAS66090KR

Square work lamp with built in camera

Nominal Voltage Range: 10-30V

Bulbs Technology: LED

Shape: Square Power: 40W

Luminous Flux: 3500lm

Width: 92mm Height: 122mm

Length (depth): 122mm



Light Colour: White Beam Angle: 60°

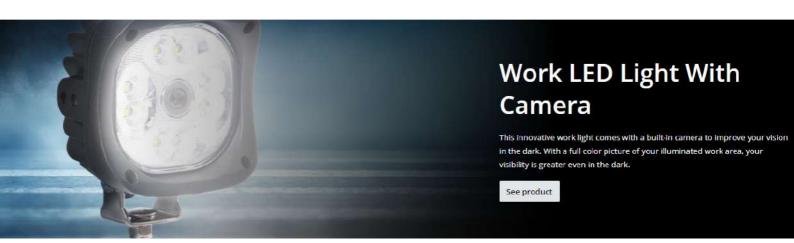
Colour Temperature: 6000K Plug Type: Deutsch 2-Pin

Cable Length: 0.5m

CISPR Standard: 25 Class 3

Number of LED's: 8

Camera has a "6-Pin KR" connector and must be provided with 12v power supply



# Wireless Unit

# Wireless Send/Receive Unit KR-CAS66150KR

No camera connecting cable required Suitable for 12V & 24V Stable connection up to 100m distance

Waterproof IP65

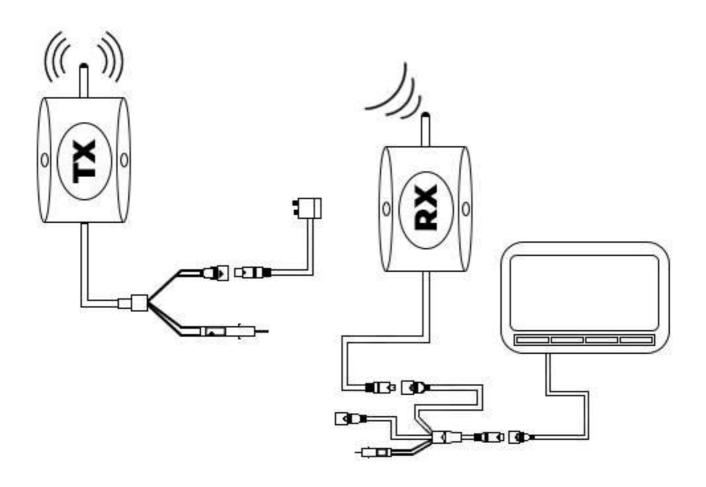
Dimensions: 104 x 80 x 30mm

Temperature Range: -30°C to +70°C



The Wireless kit can be used on any CASXXXIKR system (refer to Part Number reference). It needs to be mounted on the split/power cable. It will exchange with one of the connection cables.

To improve reception the aerial should be outside metal cages/sheets. Extension for the aerial is CAS66250KR.



### **Remote Control**

### Camera System Remote Control

KR-CAS66706KR



### Battery CR2025 3V Varta

KR-VT6025

IEC Indication: CR 2025

Voltage: 3V

Capacity: 170 mA-h

Total Width (diameter): 20mm

Total Height: 2.5mm



### Cables

#### **Trailer Cable Set**

KR-CAS66100KR

Suitable for: CAS667201KR or

CAS667401KR

5m Cable with 7-Pin Socket and

6-Pin Monitor Connector

Spiral Cable with 4.5m - 2 x 7 Pin

Plugs

20m Cable with 7-Pin Socket and

6-Pin Camera Connector

Roll of tape to fix Cable Position



#### 4.5m Flexi Cable Male-Male 7P KR-CAS66102KR

Electric Category: Connection

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 4.5m

Connection Type: 7-Pin

Connection 2 Type: 7-Pin

Protection Class IP: 44

ISO Standard: 1185



### 20m 7 Pin PVST-DIN6Pole

KR-CAS66101KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 20m

Connection Type: 7-Pin Connection 2 Type: 6-Pin

Suitable for Kramp Cameras



#### Cable 5m 7Pin DIN 6 Pole KR-CAS66103KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 5m

Connection Type: 7-Pin Connection 2 Type: 6-Pin

Suitable for Kramp Monitors



### Camera Connection Cable

KR-CAS66105KR

With cast connectors

DIN6M/DIN6FL

Waterproof (IP68)

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 5m

Connection Type: 6-Pin Connection 2 Type: 6-Pin



### Camera Connection Cable

KR-CAS66110KR

With cast connectors

DIN6M/DIN6FL

Waterproof (IP68)

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 10m

Connection Type: 6-Pin Connection 2 Type: 6-Pin



### Camera Connection Cable

KR-CAS66115KR

With cast connectors

DIN6M/DIN6FL

Waterproof (IP68)

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 15m

Connection Type: 6-Pin Connection 2 Type: 6-Pin



### Camera Connection Cable

KR-CAS66120KR

With cast connectors

DIN6M/DIN6FL

Waterproof (IP68)

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 20m

Connection Type: 6-Pin Connection 2 Type: 6-Pin



#### Y-Cable 2 Camera Input Port KR-CAS66122KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 5m

Connection Type: 7-Pin

### Suitable for Kramp Monitoring Systems and Monitors



# Adaptor 4P Male - 6P Female KR-CAS66140

Not for CAS66092MKR

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Cable Core Cross Section: 0.14mm<sup>2</sup>

Length: 150mm

Connection Type: 4 Pin Connection 2 Type: 6 Pin

Suitable for PSVT Camera Builder,



#### Y-Cable 4 Camera Input Ports KR-CAS66124KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 5m

Connection Type: DS26 Connection 2 Type: Free

Conductor End

#### Suitable for Kramp Monitors



### Adaptor 6P Male - 4P Female KR-CAS66141

Not for CAS66092MKR

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Cable Core Cross Section: 0.14mm<sup>2</sup>

Length: 150mm

Connection Type: 6 Pin Connection 2 Type: 4 Pin

Suitable for PSVT Camera Builder, Kramp Cameras, Kramp



# Adaptor 4P Male Lock 6P Female Lock

KR-CAS66145

Not for CAS66092MKR

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Cable Core Cross Section: 0.14mm<sup>2</sup>

Length: 150mm

Connection Type: 4 Pin Connection 2 Type: 6 Pin

Suitable Kramp Systems/Cameras



### Suitable Klamp Systems/Cameras

# Adaptor 6P Male Lock 4P Female Lock

KR-CAS66146

Not for CAS66092MKR

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Cable Core Cross Section: 0.14mm<sup>2</sup>

Length: 150mm

Connection Type: 6 Pin Connection 2 Type: 4 Pin

Suitable Kramp Systems/Cameras



### Extension Cable

KR-CAS66205KR

Electric Category: Extension

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 5m

Connection Type: 6-Pin Connection 2 Type: 6-Pin

Suitable for Kramp Cameras



### **Extension Cable**

KR-CAS66210KR

Electric Category: Extension

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 10m

Connection Type: 6-Pin Connection 2 Type: 6-Pin

Suitable for Kramp Cameras



### Extension Cable SMA Antenna KR-CAS66250KR

Electric Category: Adaptor

Length: 3m

connection Suitable for:

• SMA Antenna



### Camera Split Cable

KR-CAS66262KR

Electric Category: Adaptor Connection Type: 6-Pin Connection 2 Type: 6-Pin

Suitable for Kramp Monitors and Monitors



# Extension Cable Monitor 4m KR-CAS66290KR

Electric Category: Extension Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 4m

Connection Type: 12-Pin Connection 2 Type: 12-Pin

Suitable for Kramp Monitors



#### Adaptor Cable 4P DIN to CAS66 KR-CAS66292KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 2.5m

Connection Type: 4-Pin Connection 2 Type: 6-Pin

Suitable for PSVT Camera Builder



### Monitor Extension Cable 4m

KR-CAS66294KR

Electric Category: Extension

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 4m

Connection Type: DS26

#### Suitable for Kramp Monitors



#### **Adaptor Cable**

KR-CAS66298KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Connection Type: 4-Pin Connection2 Type: 6-Pin

#### Suitable for Kramp Monitors



### Monitor Extension Cable 8m

KR-CAS66299KR

Electric Category: Extension Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 8m

Connection Type: DS26

#### Suitable for Kramp Monitors



#### Adaptor Cable - Fendt X5 KR-CAS66300KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 2.5m

Connection Type: 5-Pin Connection 2 Type: 7-Pin

# Suitable for Kramp Cameras and Fendt X5 Cab



### Adaptor Cable CAS660xx KR-CAS66302KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage 24V

Connection Type: 5-Pin Connection 2 Type: 7-Pin

Suitable for Kramp Cameras, MF Datatronic 4 & 5 Monitoring System, VALTRA Smart-Touch monitoring system



### Adaptor Cable CAS660xxKR KR-CAS66310KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 2.5m

Connection Type: Kramp Camera

Connection 2 Type: 7-Pin

Suitable for Kramp Cameras, John Deere Monitors 7R, 8R, 9R



### Adaptor Cable CAS660xxKR KR-CAS66311KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 2.5m

Connection Type: 7-Pin Connection 2 Type: 7-Pin

Suitable for Kramp Cameras, John Deere Monitor (6R) Command Centre Touch (GS3)



### Adaptor Cable John Deere KR-CAS66314KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 2.5m

Connection Type: 6-Pin Connection 2 Type: 7-Pin

Suitable for 2 Kramp Cameras & John Deere Monitor 6R Command Centre GS4



### Adaptor Cable CAS660xxKR KR-CAS66320KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 2.5m

Connection Suitable for: Kramp

Cameras

Connection2 Type: 7-Pin suitable for Deutz-Fahr iView Monitoring System & PSVT Camera Builder



## Adaptor Cable CAS660xxKR KR-CAS66325KR

RR-CASOOSZSKR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Connection Suitable For: Kramp

Cameras

Connection 2 Type: 7-Pin

- Suitable for Kverneland TELLUS ISOMATCH monitoring system.



### Adaptor Cable CAS660xxKR KR-CAS66326KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Connection Type: 7-Pin Connection 2 Type: 7-Pin

Suitable for Kramp Cameras & Kverneland TELLUS-Go Monitioring System and Kubota



### Adaptor Cable

KR-CAS66350KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Connection 1 Suitable for:

• Kramp Cameras

Connection 2 Suitable for:

• Kramp Monitor CAS91602



#### Adaptor Cable CAS660xxKR KR-CAS66358KR

Electric Category: Adaptor Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 2.5m

Connection 1 Suitable for:

• Kramp Cameras

Connection 2 Suitable for:

• Sparex CabCam Monitoring



#### Adaptor Cable CAS660xxKR KR-CAS66361KR

Nominal Voltage Range: 12-24V

Electric Category: Adaptor

Max Voltage: 24V

Length: 2.5m

Connection Type Suitable for:

• Kramp Cameras

Connection 2 Type: 7-Pin

Suitable for:

 New Holland Intelliview III & IV monitoring systems and Case AFS Monitoring System



#### Adaptor Cable CAS660xxKR KR-CAS66362KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 2.5m

Connection Type Suitable for:

• Kramp Cameras

Connection 2 Type: 7-Pin

Suitable for:

 New Holland Intelliview III & IV (3 Cam) Monitoring System



### **Adaptor Cable**

KR-CAS66380KR

Electric Category: Adaptor

Length: 2.5m

Suitable for Kramp Cameras



#### Adaptor Cable CAS660xxKR KR-CAS66381KR

Electric Category: Adaptor

Nominal Voltage Range: 12-24V

Max Voltage: 24V

Length: 2.5m

Connection Type: 5-Pin Connection 2 Type: 7-Pin

Suitable for Kramp Cameras



# Power Cable WP 2P COBO KR-KAWP2PCOB

Nominal Voltage Range: 6-12V

Max Voltage: 12V

Connection Type: 2-Pin Connection2 Type: 3-Pin

Suitable for Kramp Cameras





# **Monitor Brackets**

# Bracket for 7" TFT Monitor KR-CAS66705KR

#### Suitable for:

- CAS66721KR
- CAS66741KR



# **Vehicle Security**



# Immobilizer Vehicle KR-VLC5501

Electronic Immobilizer Cat. 2
DD2+ Technology
Wireless Keypad Control
Keypad Override disc
IP62 (not waterproof)
Multi-driver access

#### Motor Security MB704-H KR-MB704H

Easy wiring & small installation size - 66 x 66mm

Bypass switch not required Multi-use across range of machines 72 x 72 x 110mm

Power Input: 30mA

IP54

Thread Connection: 14 x 1.5



# **Adaptor Cable Quick Reference**

Cable	Monitor	Suitable For
CAS66300KR	TENDS	Fendt X5 cabs Connection on the back of the right armrest
CAS66301KR	9th 20   2 0   5 214   Acres   1 0	MF Datatronic 3 Connection on the back of the monitor behind the plastic guard
CAS66302KR		MF Datatronic 4 MF Datatronic 5 VALTRA Smart- Touch
CAS66310KR		John Deere 7R, 8R & 9R Connection on the right panel next to glass door
CAS66311KR		John Deere 6R Command Centre Touchscreen (GS3) Command Centre GS4 (all)
CAS66312KR For 1 Camera CAS66313KR For 3 Camera	JOHN DEERS  D  D  D  Morey Cochast  Off  Cochast	John Deere 2630 screen with connection on the back of the screen. Separate power required for cameras

Cable	Monitor	Suitable For
CAS66314KR For 2 Camera	3 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	John Deere 6R Command Centre GS4 2 cameras
CAS66320KR	IMONITOR TO A TOTAL OF THE PARTY OF THE PART	Deutz-Fahr iView Connection on the back
CAS66325KR	Tournell State	Kverneland TELLUS ISOMATCH (MT)
CAS66326KR		Kverneland TELLUS-GO Kubota M7 Screens
CAS66330KR	NAILUS CONTROLLED TO THE PARTY OF THE PARTY	CCI100 and CCI200 displays with video function Connection on bottom of monitor
CAS66335KR		Mueller Elektronik Track-Guide II ECO-Terminal BASIC-Terminal BASIC-Terminal TOP

Cable	Monitor	Suitable For
CAS66336KR	TEAC ZEACZOCIA V X	Mueller-Elektronik Track-Guide III Touch-ME 800 Touch-ME 1200
CAS66337KR For 1 Camera  CAS66338KR For 4 Camera		CLAAS S10
CAS66350KR		CAS660xxKR Camera Connection to CAS91602 screen
CAS66351KR		CAS91690/CAS91691 to CAS66xxxKR screen
CAS66353KR		CAS660xxKR camera can be connected to CAS61303 system
CAS66293KR		CAS61603 Camera to CAS66720(1)/66740( 1) system

Cable	Monitor	Suitable For
CAS66295KR		Mekra camera to CAS66xxxKR screen
CAS66358KR		SPAREX kits SP23xxxx
CAS66298KR	Spanner	SPAREX/CabCam camera to CAS66xxxKR screen
CAS66360KR	The second secon	Trimble Fmx, FM750, FM100, CFX750 and all CNH equivalents Separate power required for camera
CAS66361KR For 1 Camera CAS66362KR For 3 Camera	Table Control (a)    Part	CNH Intelliview III/IV Separate power required for cameras
CAS66363KR		

Cable	Monitor	Suitable For
CAS66365KR	O. O comb  Contigue source  Contigue sou	CASE AFS700 PUMA CVX (MY18), CASE OPTUM(MY18) STEYR S-TECH 6185CVT (my18), 6220CVT (my18), 6240CVT (my18) NEW HOLLAND T7.xxx AutoCommand
CAS66370KR For 1 Camera CAS66371KR For 4 Camera	3.03.	Agleader Integra and HARDI HC9500 Connection in multiplug on back Separate power required for camera
CAS66375KR For 1 Camera  CAS66379KR For 4 Camera		Raven Viper4
CAS66380KR CAS66381KR 90° Connector	OPUS AG  **STATE OF THE PROPERTY OF THE PROPER	Wachendorff A3/A6 with video capability Topcon X35 Connection on the back
CAS66386KR	13.0 0.93 13.0 0.93	TEEJET Matrix/Agcam
CAS66395KR		KRONE BIG-X 700 WAECO



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