CAMERA SYSTEMS 2021/22

Agricultural

For tugs
and harvest machinery

ROSHO
Automotive Solutions

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ROSHO product solutions

Whether agricultural, construction, transport vehicles or buses: ROSHO offers camera, video and multimedia solutions that are perfectly tailored to the various application scenarios in the vehicle. We cover all leading manufacturers with their common vehicle types.

The vehicles used by you or offered by us are not included? No problem!

We also find excellent solutions for less common brands, vehicle types or scenarios. In case of doubt at your location. This is our promise.

We want it to be as easy as possible for you to equip your vehicles with powerful, innovative camera technology. To protect health and property, for the benefit of you and your customers.

You have the challenge.
We have the solution. ROSHO

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Cameras

ROSHO

04

CAMERA SYSTEMS

Free view on all sides

Critical
workflows
can be checked
with ROSHO
systems more
efficient

Camerasystem RS 50-3

SCM-1-001-53

5-Inch-LCD-Monitor LCM 503T. Camera RK 1405M and 20 Meters Camera cable

Camera: protection class IP 69K // Point of view 130°
Monitor: 3 × Camera input

Camerasystem RS 73-4

SCM-1-001-44

7-Inch-LCD-Monitor LCM 703T. Camera RK 1405M and 20 meters camera cable

Camera: protection class IP 69K // Point of view 130°/150°
Monitor: 3 × camera input

Camerasystem RS 73-14

SCM-1-001-42

7-Inch-LCD-Monitor LCM 703T. 2 × Camera RK 1405M and 2 × 20 meters camera cable

Camera: protection class IP 69K // Point of view 130°/150°
Monitor: 3 × camera input

Camerasystem RS 73-15

SCM-1-001-45

7-Inch-LCD-Monitor LCM 703T. 2 × Camera RK 1405M. 1 × Camera RK 1415M. 2 × 20 meters and 1 × 15 meters camera cable

Camera: protection class IP 69K // Point of view 130°/150°
Monitor: 3 × camera input

Camerasystem RS 100-2

SCM-1-001-66

10-Inch-LCD-Monitor LCM 1003T. Camera RK 1405M and 20 meters camera cable

Camera: protection class IP 69K // Point of view 130°/150°
Monitor: 3 × camera input

Monitor extension cable for LCM 503T / 703T / 703QHD

MW-2-030-02
Cable harness extension 3 m

You need help? - We are happy to help! Phone: +49 5723 94 170

ROSHO

Camera systems
Quad systems

Camerasystem RS 70-2

SCM-1-001-52

7-Inch-LCD-Quad-Monitor LCM 703QHD.
Camera RK 1405M and 20 meters camera cable

Camerasystem RS 70-14

SCM-1-001-43

7-Inch-LCD-Quad-Monitor LCM 703QHD.
2 × Camera RK 1405M and 2 × 20 meters camera cable

Camera: protection class IP 69K // Point of view 130°
Monitor: 4 × camera input

Camerasystem RS 100-11

SCM-1-001-101

10-Inch-LCD-Quad-Monitor LCM 1003QHD.
Camera RK 1405M and 20 meters camera cable

Camerasystem RS 100-10

SCM-1-001-100

10-Inch-LCD-Quad-Monitor LCM 1003QHD.
2 × Camera RK 1405M and 2 × 20 meters camera cable

Camera: protection class IP 69K // Point of view 130°
Monitor: 4 × camera input

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Camerasystem FS 70-11

SCM-1-001-46

7-Inch-LCD-Monitor LCM 703QHD. 2 × Camera RK 1404M
and 2 × 10 meters camera cable

Camera: protection class IP 69K   //   Point of view 78°
Monitor: 4 × camera input

Camerasystem
Front Pro FS 70-12

SCM-1-001-47

7-Inch-LCD-Monitor LCM 703QHD. 2 × Camera RK 1404M.
ABS Direct connection VAR II - 2 × 1.5 m. ABS Tractor
VAR II - 2 × 1.5 m. 2 × 5 m camera cable and 2 × 5 m
extension cable

Camera: protection class IP 69K   //   Point of view 78°
Monitor: 4 × camera input

2x

2x

08

MONITORS

High resolution 5-. 7-. 10-Inch

Monitor LCM 503T

MM-3-050-02

5" Monitor // 3 × Camera input // Protection class IP 68

Technical specifications

Resolution	**640 × 480**
Brightness	**250 cd/m²**
Operating voltage	**10 - 32V**
Temperature range	**-20 ℃ ~ +70 ℃**
Connections	**3 × MiniDIN**
Dimensions (B × H × T)	**105 × 152 × 23 mm**

Monitor LCM 702HD

MM-2-070-03

7" Monitor // 2 × Camera input

Technical specifications

Resolution	**800 × 400**
Brightness	**300 cd/m²**
Operating voltage	**12 - 32V**
Temperature range	**-30 ℃ ~ +80 ℃**
Connections	**2 × MiniDIN**
Dimensions (BxHxT)	**182 × 127 × 25 mm**

Possible representations
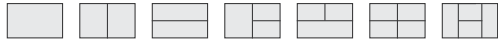
Monitor LCM 703QHD

MM-4-070-01

7" Monitor // 4 × Camera input // Protection class IP 64

Technical specifications

Resolution	**800 × 480**
Brightness	**450 cd/m²**
Operating voltage	**10 - 32V**
Temperature range	**-20 °C ~ +70 °C**
Connections	**4 × MiniDIN**
Dimensions (B × H × T)	**181 × 122 × 24 mm**

Monitor LCM 703T

MM-3-070-01

7" Monitor // 3 × Camera input // Protection class IP 64

Technical specifications

Resolution	**800 × 480**
Brightness	**450 cd/m²**
Operating voltage	**10 - 32V**
Temperature range	**-20 °C ~ +70 °C**
Connections	**3 × MiniDIN**
Dimensions (B × H × T)	**181 × 122 × 24 mm**

Monitor LCM 1003T

MM-3-100-01

10" Monitor // 3 × Camera input // Protection class IP 64

Technical specifications

Resolution	**1280 × 800**
Brightness	**450 cd/m²**
Operating voltage	**12 - 24VDC**
Temperature range	**-20 °C ~ +75 °C**
Connections	**3 × MiniDIN**
Dimensions (B × H × T)	**252 × 172.5 × 29.5 mm**

Monitor LCM 1003QHD

MM-4-100-01

10" Monitor // 4 × Camera input // Protection class IP 64

Technical specifications

Resolution	**1280 × 800**
Brightness	**450 cd/m²**
Operating voltage	**12 - 24VDC**
Temperature range	**-20 °C ~ +75 °C**
Connections	**4 × MiniDIN**
Dimensions (B × H × T)	**252 × 172.5 × 29.5 mm**

Possible representations

You need help? - We are happy to help! Phone: +49 5723 94 170

ROSHO

CAMERAS

Robust and reliable

Cameras
Bracket Cameras

12 - 24V

Magnetic base for RK 14xx Series

Without camera
ZA-1-002-09

12 - 24V
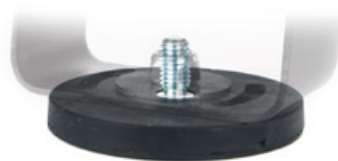
Camera RK 14xx Series

Camera RK 1404M (78°)	**CM-1-070-06**
Camera RK 1405M (130°)	**CM-1-130-10**
Camera RK 1415M (150°)	**CM-1-150-05**

12 and 24V Reversing camera with window heating for use on agricultural machinery and commercial vehicles. Point of view in 78°, 130° and 150° diagonal. Extreme robust (highest protection class IP 69K). Dust-, dirt-, rain- and frost-resistant.

78° / 130° / 150° Point of view // Protection class IP 69K
Technical specifications

Resolution	**960 × 480**
Sensitivity	**0 Lux (8 IR LED)**
Lens / angle	**78° / 130° / 150°**
Operating voltage	**12 - 24V DC**
Temperature range	**-30 °C ~ +70 °C**
Casing	**Aluminium**
Protection class	**IP 69K**
Dimensions (B × H × T)	**76 × 70 × 42 mm**
Connections	**MiniDIN screwable**

Camera RK 1306M

CM-2-130-11

Small 12 and 24V Camera for hard-to-reach areas on the outside of the vehicle. Extremely robust construction (highest protection class IP 69K). Can be placed almost anywhere.

130° Point of view // Protection class IP 69K
Technical specifications

Resolution	**960 × 480**
Sensitivity	**0 Lux (5 IR LED)**
Lens / angle	**130°**
Operating voltage	**12 - 24V DC**
Temperature range	**-30 °C ~ +70 °C**
Casing	**Aluminium**
Protection class	**IP 69K**
Dimensions (B × H × T)	**41 × 29 × 45.5 mm**
Connections	**MiniDIN screwable**

RK 1002M

RK 1004M

Camera RK 1002M / 1004M

Camera RK 1002M (110°)	**CM-1-110-01**
Camera RK 1004M (110°)	**CM-1-110-04**

Ball camera with extremely robust casing (highest protection class IP 69K). For hard-to-reach areas on the outside of the vehicle. Can be aligned on all sides.

110° Point of view // Protection class IP 69K

Technical specifications

Resolution	**500 × 582**
Sensitivity	**0 Lux (8 IR LED)**
Lens / angle	**2.6 mm / 110°**
Operating voltage	**12V DC +/- 10%**
Temperature range	**-30 ℃ ~ +70 ℃**
Casing	**Aluminium/plastic**
Protection class	**IP 69K**
Dimensions (B × H × T)	
RK 1002M	**63 × 76.5 × 50.5 mm**
RK 1004M	**84 × 97 × 79.2 mm**
Connections	**MiniDIN screwable**

Camera RK 1001M

CM-1-150-09

Ball camera with extremely robust casing. For hard-to-reach areas on the outside of the vehicle. Can be aligned on all sides.

150° Point of view // Protection class IP 68

Technical specifications

Resolution	**500 × 582**
Sensitivity	**0 Lux (8 IR LED)**
Lens / angle	**150°**
Operating voltage	**12 V DC**
Temperature range	**-30 ℃ ~ +70 ℃**
Casing	**Plastic**
Protection class	**IP 68**
Dimensions (B × H × T)	**97 × 85 × 79 mm**
Connections	**MiniDIN screwable**

Camera RK 1304M

CM-1-185-01

Extremely robust construction. Can be placed almost anywhere.

180° Point of view   //   Protection class IP 69K

Technical specifications

Resolution	**1280 × 960**
Sensitivity	**0.02 Lux (F1.4)**
Lens / angle	**180° diagonal**
Operating voltage	**12 - 24V DC**
Temperature range	**-30 °C ~ +85 °C**
Casing	**Aluminium**
Protection class	**IP 69K**
Dimensions (B × H × T)	**23 × 23 × 25 mm**
Connections	**MiniDIN screwable**

Camera RK 1902M

CM-1-160-01

License plate holder with integrated 160° Camera.

160° Point of view   //   Protection class IP 68

Technical specifications

Resolution	**512 × 582**
Sensitivity	**0.1 Lux**
Lens / angle	**160°**
Operating voltage	**12V DC +/- 10%**
Temperature range	**-30 °C ~ +60 °C**
Casing	**Plastic**
Protection class	**IP 68**
Dimensions (B × H × T)	**526 × 147 × 28 mm**
Connections	**MiniDIN pluggable**

Clear
**Edge circumspection
with ROSHO-Cameras**

CABLES & ADAPTERS

Always the best connection

Cables & adapters
Accessories

Camera cable
MiniDIN

2 m	CW-2-020-01
3 m	CW-2-030-05
5 m	CW-2-050-02
10 m	CW-2-100-03
15 m	CW-2-150-02
20 m	CW-2-200-01

MiniDIN Plug pluggable
MiniDIN Socket screwable

Extension cable
MiniDIN

2 m	CW-2-020-02
5 m	CW-2-050-06
10 m	CW-2-100-04
15 m	CW-2-150-03
20 m	CW-2-200-03
slotted with corrugated pipe / 10 m	CW-2-100-14
slotted with corrugated pipe / 15 m	CW-2-150-14

MiniDIN Plug screwable
MiniDIN Socket screwable

ROSHO

Schutzkappen MiniDIN

External thread	**ZA-6-900-10**
Inner thread	**ZA-6-900-11**

MiniDIN External thread screwable
MiniDIN Inner thread screwable

Quad Control Box M1

ZA-1-002-01

Splitbox for connecting up to four cameras.
Automatic switch-on possible via trigger signals.

On every vehicle tailored

Spiral cable set VAR II - 1.5 m

For the connection of one camera	**SZ-1-001-04**
For connecting two cameras	**SZ-1-001-06**

Waterproof, three-part cable set for connecting a monitor on the tractor and a camera on the trailer. 3-meters-spiral cable. 1.5-meters-camera-connection cable and a 1.5-meters-monitor-connection cable.

ABS Tractor
VAR II - 1.5 m

MW-2-015-05

Connection cable tractor 1.5 m. Plug screwable.

ABS Trailer
VAR II - 1.5 m

CW-2-015-04

Connection cable trailer 1.5 m. Socket screwable.

ABS Tractor
VAR II - 2 × 1.5 m

MW-2-015-07

Connection cable tractor with 2 × 1.5 m. Plug screwable.

ABS Trailer
VAR II - 2 × 1.5 m

CW-2-015-05

Connection cable trailer with 2 × 1.5 m. Socket screwable.

ABS Tractor
VAR II - 3 × 1.5 m

MW-2-015-10

Connection cable tractor with 3 × 1.5 m. Plug screwable.

ABS Trailer
VAR II - 3 × 1.5 m

CW-2-015-07

Connection cable trailer with 3 × 1.5 m. Socket screwable.

ABS Direct connection VAR II - 1.5 m

1 × 1.5 m	**CW-2-015-06**
2 × 1.5 m	**CW-2-015-08**
3 × 1.5 m	**CW-2-015-09**

1.5-Meters-Direct connection cable for ABS II Series. With this cable you create a robust connection from the trailer to the towing vehicle.

ABS Spiral cable VAR II

Dafault 3 m	**SW-4-030-01**
Special length 4.5 m	**SW-4-045-01**

ADR Protected spiral cable in 3 meters and 4.5 meters working length.

ABS Parking socket VAR II

ZA-7-002-07

For safe storage of the spiral cable or the direct connection.
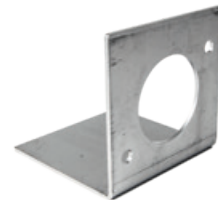
ABS Parking socket holder VAR II

ZA-7-002-06

Holding device for the ABS parking socket VAR II.

With our Accessories you can be sure, that everything fits perfectly

ROSHO

The right Adapter
for your JOHN DEERE,
NEW HOLLAND, FENDT, CLAAS,
MASSEY FERGUSON
and CASE IH- Vehicle terminal

JOHN DEERE

Adapter JD 6R - 1m

ZA-4-900-17

for connecting a camera to the GS3 CommandCenter Touch and **Generation 4** 4100 and 4600 CommandCenter Touch of the 6R series

Y-Adapter JD 6R - 50 cm

ZA-4-900-21

For connecting up to 2 cameras to the **Generation 4** 4100 and 4600 CommandCenter Touch of the 6R series

Adapter JD 7R / 8R / 9R - 1m

ZA-4-900-28

for connecting a camera to the GS3 CommandCenter Touch and **Generation 4** 4100 and 4600 CommandCenter Touch of the 7R / 8R / 9R series

Adapter JD 7R / 8R / 9R - 15 m

ZA-4-900-15

for connecting a camera to the GS3 CommandCenter Touch and **Generation 4** 4100 and 4600 CommandCenter Touch of the 7R / 8R / 9R series

Adapter JD 2630 - 10 cm

ZA-4-900-08

for connecting up to 3 cameras to the GS3 Terminal 2630

Adapter JD 2630 - 1.5 m

ZA-4-900-09

for connecting up to 3 cameras to the GS3 Terminal 2630

Adapter JD 4640 - 1.5 m

ZA-4-900-37

for connecting up to 3 cameras to the GS3 Terminal 4640

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NEW HOLLAND

Adapter NH CR/CX new Cab. - 50 cm

ZA-4-900-29

to connect a camera to the New Holland IntelliView Terminal for CR / CX new cabin
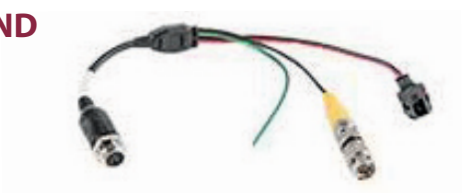
NEW HOLLAND

Adapter NH CR/CX old Cab. - 15 cm

ZA-4-900-26

to connect a camera to the New Holland IntelliView Terminal for CR / CX old cabin

**NEW HOLLAND
CASE
STEYR**

Adapter SCN - 15 cm

ZA-2-900-02

for connecting a camera to the Steyr terminals, Case and New Holland

TRIMBLE

Adapter Trimble - 2 m

ZA-4-900-18

for connecting a camera to the Trimble parallel drive system

FENDT

Adapter FENDT - 3 m

ZA-4-900-20

for connecting a camera to the FENDT Variotronic 10.4 "and 10.4-B terminal

MASSEY FERGUSON

Adapter MASSEY FERGUSON - 3 m

ZA-2-900-12

for connecting a camera to the MASSEY FERGUSON Datatronic display

CLAAS

Adapter CLAAS - 15 cm

CW-2-000-01

for connecting a camera to the CLAAS PROFICAM 3 system

CLAAS

Adapter CLAAS - 3 m

CW-2-000-02

for connecting a camera to the CLAAS PROFICAM 4 system

CLAAS

Adapter CLAAS - 1.5 m

CW-2-015-13

for connection to the CLAAS S10 terminal
4 × Mini-DIN

You need help? - We are happy to help! Phone: +49 5723 94 170

◥ROSHO

Imprint

ROSHO
Automotive Solutions