CAMERA SYSTEMS 2022/23

Agricultural



For tugs and harvest machinery





All products can also be found on the net www.rosho.com



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ROSHO

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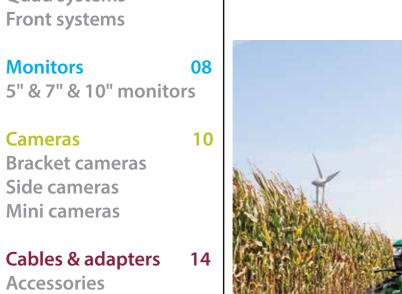
Quad systems



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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

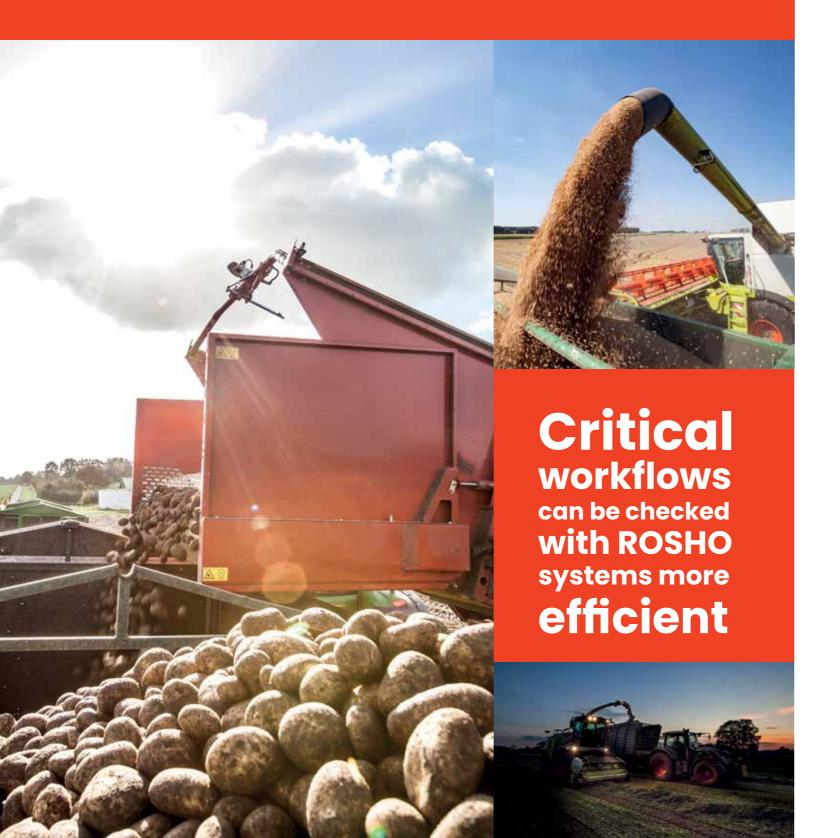
Cameras



Camera systems Professional line

CAMERA SYSTEMS

Free view on all sides





Camera system 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

Camera system 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° Monitor: $3 \times$ camera input

Camera system RS 73-14

SCM-1-001-42

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

Camera: protection class IP 69K $\,//\,$ Point of view 130° Monitor: $3 \times$ camera input



Camera system RS 73-15

SCM-1-001-45

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

Camera: protection class IP 69K $\,$ // Point of view 130°/150° Monitor: $3 \times$ camera input

Camera system 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° Monitor: $3 \times$ camera input







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

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





Camera system FS 70-11

SCM-1-001-46

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

Camera: protection class IP 69K $\,//\,$ Point of view 78° Monitor: $4 \times$ camera input

Camera systems

Quad systems



Camera system RS 70-2

SCM-1-001-52

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

Camera system RS 70-14

SCM-1-001-43

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

Camera: protection class IP 69K $\,//\,$ Point of view 130° Monitor: $4 \times$ camera input



Camera system RS 100-11

SCM-1-001-101

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

Camera system RS 100-10

SCM-1-001-100

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

Camera: protection class IP 69K $\,//\,$ Point of view 130° Monitor: $4 \times$ camera input



Camera system Front Pro FS 70-12

SCM-1-001-47

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

Camera: protection class IP 69K $\,$ // Point of view 78° Monitor: $4 \times$ camera input



MONITORS

High resolution 5", 7", 10"









MM-3-050-02

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

Technical specifications

Resolution	640 × 480
Brightness	250 cd/m ²
Operating voltage	10 - 32V
Temperature range	-20 °C ~ +70 °C
Connections	3 × MiniDIN
Dimensions (W x H x D)	$105 \times 152 \times 23 \text{ mm}$







Monitor LCM 702HD

MM-2-070-03

7" Monitor $\ // \ 2 \times Camera \ input // \ Protection class IP 44$

Technical specifications

Resolution	800 × 400
Brightness	300 cd/m ²
Operating voltage	12 - 32V
Temperature range	-30 °C ~ +80 °C
Connections	2 × MiniDIN
Dimensions (W x H x D)	182 × 127 × 25 mm











Monitor LCM 703QHD

MM-4-070-01

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

Technical specifications

Resolution	800 × 480
Brightness	450 cd/m ²
Operating voltage	10 - 32V
Temperature range	-20 °C ~ +70 °C
Connections	4×MiniDIN
Dimensions (W x H x D)	181 × 122 × 24 mm

Monitor LCM 1003T

MM-3-100-01

10" Monitor // $3 \times$ Camera input // Protection class IP 64

Technical specifications

Resolution	1280 × 800
Brightness	450 cd/m ²
Operating voltage	12 - 24VDC
Temperature range	-20 °C ~ +75 °C
Connections	3 × MiniDIN
Dimensions (W x H x D)	$252\times172.5\times29.5~\text{mm}$

Monitor LCM 1003QHD

MM-4-100-01

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

Technical specifications

recinical specifications	
Resolution	1280 × 800
Brightness	450 cd/m ²
Operating voltage	12 - 24VDC
Temperature range	-20 °C ~ +75 °C
Connections	4×MiniDIN
Dimensions (W x H x D)	252 × 172.5 × 29.5 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/m ²
Operating voltage	10 - 32V
Temperature range	-20 °C ~ +70 °C
Connections	3×MiniDIN
Dimensions (W x H x D)	$181 \times 122 \times 24 \text{ mm}$





















CAMERAS

Robust and reliable



Bracket cameras











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**

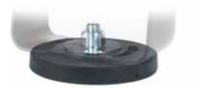
Resolution	960 × 480
Sensitivity	0 Lux (8 IR LED)
Lens / angle	78°/130°/150°
Operating voltage	12 - 24V DC
Temperature range	-30 °C ~ +70 °C
Casing	Aluminium
Protection class	IP 69K
Dimensions (W x H x D)	76 × 70 × 42 mm
Connections	MiniDIN screwable



Stainless steel case for the RK 14xx series

Without camera **ZA-1-900-16**

- resilient stainless steel case
- flexible use
- for cameras of the RK 14xx series



Magnetic base for RK 14xx Series

Without camera **ZA-1-002-09**













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 (W x H x D)	41 × 29 × 45.5 mm
Connections	MiniDIN screwable



Stainless steel case for the RK 13xx series

Without camera ZA-1-900-17

- resilient stainless steel case
- flexible use
- for cameras of the RK 13xx series







RK 1002M











Camera RK 1002M / 1004M

Camera RK 1002M (110°) Camera RK 1004M (110°)

CM-1-110-01 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 °C ~ +70 °C
Casing	Aluminium/plastic
Protection class	IP 69K
Dimensions (W x H x D)	
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 case. For hard-to-reach areas on the outside of the vehicle. Can be aligned on all

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 °C ~ +70 °C
Casing	Plastic
Protection class	IP 68
Dimensions (W x H x D)	$97 \times 85 \times 79 \text{ mm}$
Connections	MiniDIN screwable













CM-1-185-01

CM-1-150-10

Camera RK 1304M

Camera RK 1304M (180°) Camera RK 1303M (150°)

Extremely robust construction. Can be placed almost anywhere.

180° Point of view // Protection class IP 69K 150° Point of view // Protection class IP 69K

Technical specifications

Resolution	1280 × 960
Sensitivity	0.02 Lux (F1.4)
Lens / angle	180° / 150° diagonal
Operating voltage	12 - 24V DC
Temperature range	-30 °C ~ +85 °C
Casing	Aluminium
Protection class	IP 69K
Dimensions (W x H x D)	$23 \times 23 \times 25 \text{ mm}$
Connections	MiniDIN screwable







Cables & adapters Accessories

CABLES & ADAPTERS

Always the best connection

Cables & adapters

Accessories



Extension cable MiniDIN

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

MiniDIN Plug screwable
MiniDIN Socket screwable



Camera cable MiniDIN

0,2 m	SW-2-002-01
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

Protection caps 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.











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

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







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-4-900-0

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

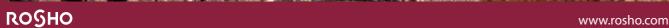
ZA-4-900-37

for connecting up to 3 cameras to the GS3 Terminal 4640 $\,$



The right adapter for your JOHN DEERE,

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



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 $\mathsf{CR}\,/\,\mathsf{CX}\,\mathsf{new}$ 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 $\mathsf{CR}\,/\,\mathsf{CX}$ 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











Adapter MASSEY FERGUSON - 3 m

ZA-2-900-12

for connecting a camera to the MASSEY FERGUSON Datatronic display





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 $4 \times \text{Mini-DIN}$



Imprint

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Managing Director: Sven Bogner Shareholders: Hamberger Technologie Gruppe GmbH Register court: Amtsgericht Stadthagen Registration number: HRB 1156

Sales tax identification number according to §27a sales tax law VAT number: DE 812 88 77 95 WEEE number: DE 71409466

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ROSHO GmbH - Rose & Holiet | English | April 2022 **Printed in Germany**