

CAMOS

2012





**Camos Europe** is the European sales centre of the Korean manufacturer Camos Co. Ltd.

The company is located in the north of Germany, in Trittau near-by Hamburg. The European representative also takes care for the American and Canadian market and was founded in 1998. Camos products are well known in more than 30 countries.

Camos is specialised in the development und production of innovative products for every kind of vehicles, especially for caravans and motor homes.

Particularly in the sector of rear view systems, navigation, mobile satellite receiving, TFT monitors and car security with finger print readers, Camos has outstanding know-how.

The department for research and development works permanently to improve the existing products and to develop new innovative solutions.

The direct connection to retail and user is a crucial promotion for the continuous conformity to existing trends and needs.

Further more, technical services and support directly here in Trittau, guarantee a reliable and fast handling of customer inquiries and services.

Our vision is the fabrication of high quality products for fair prices. After all Camos got famous, because clients all over the world appreciate the fantastic experience and high quality.

With our product range especially designed for automotive application, Camos accords to the wish of mobile people, to enjoy security and entertainment also on their trips trough the world.





Page 4-7

Satellite antennas



Page 8-11

Monitors



Page 12-13

Cameras



Page 14  
Page 15

Rearview systems  
Digital Video Wireless Systems



Page 16-17

Navigation



Page 18

Accessories



Page 19

Accessories / Biolock

### Always get the best program automatically...

#### CSA-2450AS

If your journey goes to the east or west european peripheral areas you can enjoy the comfort of a full automatic satellite antenna without changing the skew by hand. The skew angle will be changed automatically by the motorized LNB. Due to an integrated GPS-receiver the antenna knows where it is and can automatically correct the skew and elevation settings.

The electronic components of the CSA-2450AS are protected against harmful environmental influences by an UV resistant dome.

The 2450AS also tracks the satellite with an infinite azimuth range, which makes it possible to watch TV while your vehicle is in motion.



There are 14 satellites preprogrammed in the control unit:

The 14 satellites are:

Astra1North, Astra1South, Astra2North, Astra2South, Astra3North, Astra3South, Atlantic Bird 3, Eurobird 9, Hispasat, Hotbird, Sirius North, Sirius South, Thor, TurkSat

One more satellite can be added manually.



The CAMOS-antennas are generally independent from any satellite receivers.

Therefore an already existing satellite receiver can be used.



#### CSA-1450AS

The CSA-1450AS comes with the same features, like automatic skew, automatic elevation and GPS positioning, as the CSA-2450AS. Only the in motion functionality is not given in this model.

#### CSA-1450N

The CSA-1450N is the cost-effective, alternative solution. It's the right choice for everyone, who does not travel that often to the peripheral areas. The GPS positioning and the the automatic skew functionality are not given in this model.

Model	CSA-2450AS / 1450AS / 1450N
Input frequency	10,7 - 12,75 GHz
Output frequency	950 - 2050 MHz
Antenna gain	34 dBi
LNB noise figure	0,2 dB typ.
Output impedance	75 Ohm
Polarisation	Horizontal / Vertical
Azimuth	∞
Elevation	15° - 55°
Skew	CSA-2450AS / 1450AS: -45° - +45° automatically CSA-1450N: manually
Dimensions	Ø 79,8 x 40(H) cm
Weight	12,4kg
Power supply	Adapter DC 12
Operating temperature	-20°C ~ +60°C
Storage temperature	-30°C ~ +70°C
Article code	1751 / 1793 / 1795



Easy installation e.g. on  
the rooftop of a caravan



Modell	CSA-2450AS	CSA-1450AS	CSA-1450N
Automatic positioning	●	●	●
Automatic skew	●	●	○
GPS positioning	●	●	○
Works while the vehicle is in motion	●	○	○
Article code	1751	1793	1795

### An easy and comfortable way for mobile satellite reception...



CSA-10PA Basic

The CSA-10PA gives the comfort of a full automatic satellite antenna where a rooftop system can't be used, or the installed rooftop system is interfered by obstacles. So it's also a good choice to use CSA-10PA as second antenna.

The full automatic satellite antenna CSA-10PA needs to be placed roughly southbound on a horizontal surface. On plane surfaces it can be fixed with its 4 suction feet. It makes no difference whether you place it on a camping table or the roof of your mobile home. A compass to find south is integrated in the antenna.

The antenna will adjust itself full automatically.

Is the adjustment finished (ca. 1 minute, depending on your location), you can enjoy watching TV.

To get better reception in the peripheral area you can easily adjust the skew via „easy skew“ by hand.

#### CSA-10PA Basic

The Basic model includes one preprogrammed satellite (e.g. Astra1).

#### CSA-10PA Plus

The Plus model includes 14 preprogrammed satellites, which can be chosen via a LCD on the antenna. The right choice, if you change the satellite once in a while.

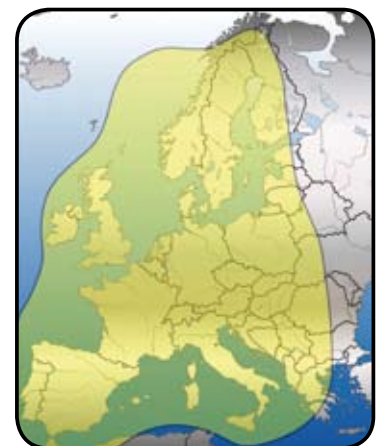
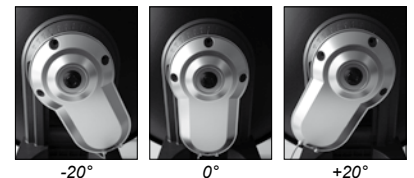
#### CSA-10PA Pro

The Pro model includes 14 preprogrammed satellites, which can be chosen comfortably on the indoor control unit. The right choice, if you often change the satellite.

The 14 preprogrammed satellites are:

Astra1North, Astra1South, Astra2North, Astra2South, Astra3North, Astra3South, Atlantic Bird 3, Eurobird 9, Hispasat, Hotbird, Sirius North, Sirius South, Thor, TurkSat

#### EASY SKEW



Footprint Astra1  
CSA-10 series



CSA-10PA Plus



CSA-10PA Pro



Model	CSA-10PA Basic/Plus/Pro
Input frequency	10,7 - 12,75 GHz
Ø of the parabolic mirror	460mm
Polarisation	Horizontal / Vertical
Azimuth	360° ± 10°
Elevation	10° ~ 60°
Dimensions (LxWxH) in mm	460 x 460 x 410
Weight	7kg
Power supply	Adapter DC 12/24V
Operating temperature	-30°C ~ +80°C
Accessories included	Antenna, 12V power supply, 5m antenna cable
Article code	1783 / 1784 / 1785



## CAMOS Top / Twin

The CAMOS Top receives all principal satellites like Astra, Hotbird, Sirius etc. and covers reception like a 60cm parabola antenna!

Supplied compass and easy to read disc scale makes sure that the elevation and azimuth are all conveniently controlled. So you can relax and enjoy television.



The rotary unit has been designed for a very simple and flexible installation on the roof of your vehicle. Because there's no mast required it gives maximum possibilities for roof installations. The internal, space-saving crank-handle allows aligning the antenna within a few seconds. Fits to every roof thickness up to 40mm. Only ca. 12cm height of dish, when it is stored.

Football or soap? To watch TV without discussion, all models are available as „Twin“-version with 2 LNBs, to connect 2 sat-receivers the same time.

Skew adjustment allows best satellite reception also in peripheral areas.

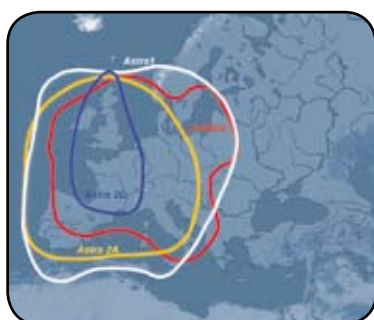


**For roofs thicker than 40mm there is a long-version available for all Camos TOP-antennas!**

## CAMOS Top Plus / Twin

The earth is a sphere. This is nothing new, but very important to receive a satellite signal without interferences. The more you go to the east or west and leave the satellite position (e.g. Astra1: 19,2°East), the more fails is the polarisation, because the LNB does not have the correct angle to the satellite. By turning the LNB this mistake can be corrected.

Therefore a special turn mechanism and an exact scale are put on the CAMOS Top Plus, which guarantees best satellite reception all over the satellite zone.



Footprint Camos Top



Footprint Camos Top Plus

Model	CAMOS Top / Twin	CAMOS Top Plus / Twin
Input frequency	10,7 - 12,75 GHz	10,7 - 12,75 GHz
Input power	32,8 dBi at 12,75 GHz	34,5 dBi at 12,75 GHz
Polarisation	Horizontal / Vertical	Horizontal / Vertical
Azimuth	manually	manually
Elevation	manually	manually
Skew correction	○	●
Dimensions (LxWxH) in mm	517 x 276 x 85	566 x 300 x 95
Weight	5,3kg incl. rotary unit	6,5kg incl. rotary unit
Operating temperature	-30°C ~ +60°C	-30°C ~ +60°C
Accessories included	Connection cable, compass, mounting material, rotary unit	
Article code	1735 / Twin 1742	1738 / Twin 1741

## CSA-10PM [Art. 1782]

The CSA-10PM is a cost-effective alternative. The antenna will not be adjusted automatically, but with the help of scales by hand.



## L-Bracket [Art. 1781]

With the L-Bracket you can mount the CSA-10PM easily on walls or doors.







### MM-1750/ MM-1950/ MM-2250

High resolution - robust housing - modern design

Our 16:10 monitors offer finest picture quality in 17", 19" and 22".

With our one-cable-solution you can easily hide all cable connections in a board. In addition to this all monitors are equipped with a HDMI input. The wide viewing angle lets you enjoy the contrasty picture from almost every position.



### VESA 75/ VESA 100

[Art. 7045b / 7045c]

The drill holes of this mounting brackets are conform to VESA 75/100. They can carry up to 20kg and fit to our monitors 12" and 15" (75) and accordingly 17" to 22" (100).



### CL-150 [Art. 1905]

This stand fits to all our monitors from 12" to 22".

Model	MM-1750	MM-1950	MM-2250
Screen size	17" / 43cm	19" / 48cm	22" / 55cm
Aspect ration	16 : 10	16 : 10	16 : 10
Resolution	1440 x 900	1440 x 900	1920 x 1080
Viewing angle (L/R/D/U)	75°/75°/60°/75°	80°/80°/80°/80°	80°/80°/75°/85°
Video system	2 composite (NTSC / PAL), HDMI (720p)	2 composite (NTSC / PAL), HDMI (720p)	2 composite (NTSC / PAL), HDMI (1080p)
Brightness	250cd/m²	300cd/m²	300cd/m²
Contrast	800 : 1	800 : 1	1000 : 1
Power supply	11-16V	11-16V	11-16V
Connectors	2xAV, 1xHDMI	2xAV, 1xHDMI	2xAV, 1xHDMI
Operating temperature	0°C ~ +50°C	0°C ~ +50°C	0°C ~ +50°C
Storage temperature	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C
Dimensions (LxWxD) in mm	418 x 305 x 48,5	464 x 330 x 48,5	520 x 370 x 48,5
Certificates	E / CE	E / CE	E / CE
Accessories included	12V power cable, multicable, remote control		
Article code	1466	1467	1481



## CM-709M2

The CM-709M2 has a digital high resolution panel. You can display up to 4 cameras simultaneously. With the remote control or the sensor buttons on the monitor, you can switch between the different view-modes. The 7" display in the glossy black housing is the perfect companion, which gives you the panoramic view.



## CM-410

Compact and contrasty is the smallest monitor in our product line. The CM-410 has a 4.1" display with brilliant picture quality. The digital display convinces with a high resolution and it's curious design. Perfect in combination with our rearview cameras.

## CM-562/CM-708

The contrasty TFT color monitors have two camera inputs and can operate with 12V and also 24V. The LCD is available in 5.6" and 7" and can be controled via it's buttons on the side of the housing. In addition the monitors have an AV-input, where you can connect a DVD-player or another video device.

## CM-709M1

This attractive 7" monitor comes up with a crystal clear picture and is, with it's glossy black housing, a great eye-catcher in your vehicle. The 3 camera inputs can be switched with the remote control or with the sensor buttons on the monitor.

Model	CM-410	CM-562	CM-708	CM-709M1	CM-709M2
Screen size	4,1"	5,6" / 14,2cm	7" / 17,8cm	7" / 17,8cm	7" / 17,8cm
Aspect ratio	4 : 3	4 : 3	16 : 9	16 : 9	16 : 9
Resolution	320 x 240	320 x 234	480 x 234	480 x 234	800 x 480
Viewing angle (L/R/D/U)	65°/65°/60°/65°	65°/65°/45°/65°	60°/60°/50°/40°	60°/60°/40°/60°	70°/70°/45°/45°
Video system	NTSC / PAL / Auto	NTSC / PAL / Auto	NTSC / PAL / Auto	NTSC / PAL / Auto	NTSC / PAL / Auto
Brightness	280cd/m²	350cd/m²	400cd/m²	500cd/m²	250cd/m²
Contrast	200 : 1	300 : 1	400 : 1	300 : 1	400 : 1
Mirror	from camera	from camera	nor / mir	nor / mir	nor / mir
Dimmer	auto	manually	manually	auto	auto
Power consumption	6W at 12V	7,8W at 12V	9W at 12V	9W at 12V	7,8W at 12V
Power supply	12-24V	12-24V	12-24V	12-24V	12-24V
Connectors	1xCAM	2xCAM, 1xAV	2xCAM, 1xAV	3xCAM, 1xAV	4xCAM, 1xAV
Trigger lines	1	2	2	3	4
Operating temperature	-10°C ~ +60°C	-15°C ~ +60°C	-15°C ~ +65°C	-10°C ~ +60°C	-10°C ~ +60°C
Storage temperature	-20°C ~ +70°C	-25°C ~ +75°C	-30°C ~ +85°C	-20°C ~ +70°C	-20°C ~ +70°C
Dimensions (LxWxD) in mm	145 x 84 x 19	163 x 112 x 30	201 x 117 x 31	201 x 121 x 30,7	201 x 121 x 30,7
Certificates	E / CE	E / CE	E / CE	E / CE	E / CE
Accessories included	Stand, cigar plug, connection cable			Remote control	
				Stand, cigar plug, connection cable, sun visor	
Article code	1559A	1435	1429	1565M	1564



## CWM-500 / CWM-703

These monitors come up with 3 camera inputs and are protected against scratches and splash water by their heavy-duty aluminium housing. The control buttons can be handled easily, also with gloves. The monitors are available in 5" and 7". The sun visor makes it possible to get a good picture, also in direct sunlight.

## CWM-700

The CWM-700 is a monitor with a heavy-duty aluminium housing and 4 camera inputs. The camera pictures can be displayed all at once in different split screen modes. Is one of the camera trigger lines connected e.g. to the reverse gear, the screen switches automatically to the rearview camera in fullscreen mode and also back if you release the gear.



Model	CWM-500	CWM-703	CWM-700
Screen size	5" / 12,7cm	7" / 17,8cm	7" / 17,8cm
Aspect ratio	16 : 9	16 : 9	16 : 9
Resolution	320 x 234	480 x 234	800 x 480
Viewing angle (L/R/D/U)	70°/70°/40°/60°	70°/70°/45°/45°	70°/70°/45°/45°
Video system	NTSC / PAL / Auto	NTSC / PAL / Auto	NTSC / PAL / Auto
Brightness	400cd/m <sup>2</sup>	250cd/m <sup>2</sup>	250cd/m <sup>2</sup>
Contrast	400 : 1	400 : 1	400 : 1
Mirror	nor / mir	nor / mir	nor / mir
Power consumption	7,8W at 12V	7,8W at 12V	7,8W at 12V
Power supply	12-24V	12-24V	12-24V
Connectors	3xCAM	3xCAM	4xCAM
Operating temperature	-10°C ~ +60°C	-10°C ~ +60°C	-10°C ~ +60°C
Storage temperature	-20°C ~ +70°C	-20°C ~ +70°C	-20°C ~ +70°C
Dimensions (LxHxD) in mm	152 x 119 x 27	180 x 133 x 27	201 x 121 x 30,7
Certificates	E / CE	E / CE	E / CE
Accessories included	Stand, 12V power cable, multicable, sun visor		
Article code	1539	1571	1567



### CM-800 / CM-840 / CM-1040

For children long journeys can be very tedious. These monitors are the perfect remedy to prevent that. They can be mounted e.g. with our head-rest mounting kit CL-7, that your children can watch a film from the backseat. Via cinch or VGA you can connect different video sources.



### CM-1920

This generous 19" monitor with an aspect ratio of 4:3 requires little space and is a perfect companion for all occasions.

### Power supply 230V AC / 12V DC

Optionally there's a power supply available to connect all our monitors to a 230V AC power source.



All our monitors are equipped with a multicable. So you only have one cable to connect to the monitor. All other cable connections can be hidden.



Model	CM-800	CM-840	CM-1040	CM-1920
Screen size	8" / 20,32cm	8,4" / 21,3cm	10,4" / 26,4cm	19" / 48.2cm
Aspect ratio	4 : 3	4 : 3	4 : 3	4 : 3
Resolution	800 x 600	800 x 600	800 x 600	1280 x 1024
Viewing angle (L/R/D/U)	70°/70°/60°/70°	55°/55°/35°/35°	55°/55°/35°/35°	
Video system	NTSC / PAL / Auto	NTSC / PAL / Auto	NTSC / PAL / Auto	PAL / NTSC
Brightness	250cd/m <sup>2</sup>	250cd/m <sup>2</sup>	250cd/m <sup>2</sup>	250cd/m <sup>2</sup>
Contrast	400 : 1	300 : 1	400 : 1	500 : 1
Dimmer	manually	manually	manually	○
Power supply	11-16V	11-16V	11-16V	11-16V
Connectors	1xS-Video, 1xAV, 1xVGA	1xS-Video, 1xAV, 1xVGA	1xS-Video, 1xAV, 1xVGA	1xVGA, 2xAV
Operating temperature	-10°C ~ +60°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C
Storage temperature	-20°C ~ +70°C	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C
Dimensions (LxWxD) in mm	223 x 178 x 34,5	220 x 179 x 35	247 x 208 x 35	422 x 371 x 58
Certificates	E / CE	E / CE	E / CE	E / CE
Accessories included	Stand, 12V power cable, multicable			
Article code	1469	1436	1437	1470



**CM-20**

Small- angular- magnificent!

In spite of it's small size, the CM-20 has all properties a rearview camera must have.

With it's infrared-LEDs and it's integrated heating, not even the darkness or low temperatures can complicate the maneuvering. The microphone and a viewing angle of 120° complete this small super talent. The CM-20 is also cost-effective available as the set RV-420.

**CM-32**

The CM-32 has proven itself for years as a reliable rearview camera and can be combined with all of our monitors. If the camera is mounted on top of the vehicle, it offers a perfect overview of 120° to reverse. Additionally it also has infrared-LEDs, an integrated heating and a microphone.

**CM-42**

Our Tilt-camera is the best companion for vehicles without a rear window. During the trip, the camera can be used as a replacement rear-view mirror, to watch the traffic behind you. If you switch to reverse gear, the lens automatically swings 30 degrees down and shows, with a viewing angle of 130°, the rear of the vehicle.

**CM-46**

If the camera is only used for reversing or is rarely used, the shutter of the shutter-camera provides the best protection against contamination. If the camera is used, the shutter opens automatically and shows the driver what happens behind the vehicle. The viewing angle of 120°, infrared-LEDs for night vision and a microphone additionally support the maneuvering.

**CS-110**

In a black and a white housing, we offer the CS-110 as a perfect assistant to the side mirror. The side camera can be fitted under the side mirror and eliminates the blind spot. With a viewing angle of 90° you have exactly that in the picture, what would otherwise remain hidden.

**CM-43**

The compact CM-43 has a viewing angle of 150° and provides the monitor with a sharp, colourful picture. The camera is also cost-effective available as the set RV-400.

**CM-12**

The small staff camera CM-12 can be installed almost invisible and has a viewing angle of 150°. The water-resistant housing makes it possible to install the only 7cm long camera e.g. in the bumper.

**CM-45P**

Always one step ahead! Wherever high hedges or narrow doorways limit your view, you will have the street events on your screen, before you can see them from your cab. The preferred mounting point for the camera is around or in the radiator grill. So the camera shows everything left and right in front of your vehicle.



Model	CM-20	CM-32	CM-42	CM-43	CM-45P	CM-46	CM-12	CS-110
Sensor type	1/4" Farb-CCD	1/3" Farb-CCD	1/3" Farb-CCD	1/3" Farb-CCD	1/4" Farb-CCD	1/4" Farb-CCD	1/4" Farb-CCD	1/4" Farb-CCD
Resolution	380 TV lines	380 TV lines	380 TV lines	380 TV lines	380 TV lines	380 TV lines	380 TV lines	380 TV lines
Iris	F 2.0	F 2.0	F 2.0	F 2.1	F 2.0	F 2.0	F 2.1	F 2.0
Viewing angle	120°	120°	130°	150°	L / R 30°	120°	150°	90°
Photosensitivity	0,01 Lux	0,01 Lux	0,1 Lux	1 Lux	0,5 Lux	0,1 Lux	0,5 Lux	1 Lux
Video standard	PAL	PAL	PAL	PAL	PAL	PAL	PAL	PAL
White balance	auto	auto	auto	auto	auto	auto	auto	auto
Microphone	•	•	•	◦	◦	•	◦	◦
Heating	•	•	•	◦	◦	•	◦	◦
Additional lights	5 x IR-LED	6 x IR-LED	6x IR-LED	◦	◦	6x IR-LED	◦	◦
Operating temperature	-40°C ~ +65°C	-15°C ~ +65°C	-15°C ~ +65°C	-20°C ~ +50°C	-25°C ~ +70°C	-10°C ~ +60°C	-20°C ~ +50°C	-20°C ~ +50°C
Dimensions (Wx-HxD /wo.bracket)	32,8 x 27 x 36,6	70 x 44 x 57	78,4 x 52 x 56,5	38 x 30 x 26	32,2 x 27 x 42,9	78 x 40 x 54	25 Ø x 70 (L)	62 x 30 x 40
IP-rated	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
Certificates	E / CE	E / CE	E / CE	E / CE	E / CE	E / CE	E / CE	E / CE
Accessories included	Bracket, sun visor, 6-Pin con.cable (18m)	Bracket, sun visor, 6-Pin con.cable (18m)	Bracket, sun visor, 6-Pin con.cable (18m)	Bracket, sun visor, 6-Pin con.cable (18m)	Bracket, sun visor, 6-Pin con.cable (5m)	Bracket, sun visor, 6-Pin con.cable (18m)	Mounting ring, distance pieces, 6-Pin con.cable (18m)	Rubber plate, screws, 6-Pin con.cable (4,6m)
Article code	1563	1428	1406	1403	1407	1408	1400	1565w (white) 1565s (black)

**RV-400** [Art. 1559]



CM-410

CM-43

**RV-420** [Art. 1562]



CM-410

CM-20

**RV-430** [Art. 1558]



CM-410

CM-30

**RV-562** [Art. 1546]



CM-32

CM-562

**RV-752** [Art. 1548]



CM-32

CM-708

**RV-564** [Art. 1560] / **RV-564 white** [Art. 1560w]

black or white



CM-42

CM-562

**RV-754** [Art. 1556] / **RV-754 white** [Art. 1556w]

black or white



CM-42

CM-708

**RV-566** [Art. 1561]



CM-46

CM-562

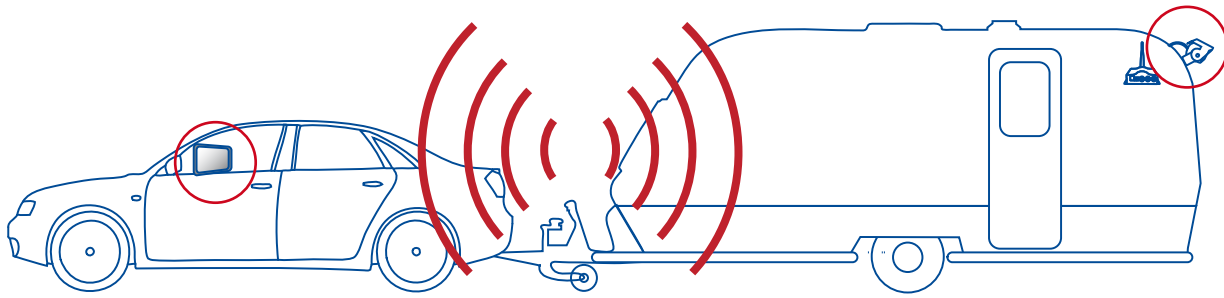
**RV-756** [Art. 1557]



CM-46

CM-708





## 2.4GHz DIGITAL WIRELESS

### Safe maneuvering. Without cable!

Due to the interference-free audio-visual signal transmission suitable for trailers.

The wireless digital video systems from CAMOS work with a WiFi connection between transmitter and receiver and therefore can not be interfered by external signals. Each transmitter is IP-address based set to the associated receiver and works only with this. A factory password protection completes the trouble-free transmission.



### RV-7206DW

This set offers the ultimate freedom. Camera (CA-206DW) and monitor (CM-703DW) are already equipped with a transmitter or receiver. You only have to connect the power line for both. Both devices are also available individually with a transmitter or receiver and can therefore be combined with any CAMOS monitor or rearview-camera.

### DVWS-100W

Consisting of a transmitter and receiver. Compatible with all CAMOS rearview-cameras or monitors. So you can combine freely and you are not bound to a particular device.



Model	CA-206DW
Sensor type	1/4" Farb CCD
Resolution	380 TV lines
Iris	F 2.0
Viewing angle	120°
Photosensitivity	0,1 Lux
Video standard	PAL
White balance	auto
Microphone	•
Heating	•
Additional light	6x IR-LED
Operating temperature	-10°C ~ +60°C
Dimensions (WxHxD / w.o.bracket)	112 x 55 x 75
IP-rated	IP 67
Certificates	E / CE
Accessories included	Bracket, sun visor
<b>Article code</b>	<b>1406DW</b>

Model	CM-703DW
Screen size	7" / 17,8cm
Aspect ratio	16 : 9
Resolution	480 x 234
Viewing angle (L/R/D/U)	60°/60°/50°/40°
Video system	NTSC / PAL / Auto
Brightness	400cd/m²
Contrast	400 : 1
Mirror	from camera
Dimmer	manually
Power consumption	9W at 12V
Power supply	12-24V
Connectors	2xCAM
Trigger lines	2
Operating temperature	-15°C ~ +65°C
Storage Temperature	-30°C ~ +85°C
Dimensions (LxHxD) in mm	197 x 121 x 31
Certificates	E / CE
Accessories included	Stand, cigar plug, connection cable
<b>Article code</b>	<b>1433DW</b>

**CN-900****7" Widescreen navigation system**

- Multi-cable with Mitsumi multi plug
- Extremely short switching to the camera image by using a trigger line
- Volume and brightness adjustable via buttons on the unit
- Automatic dimmer
- Audio transmission from camera
- Speaker power adapted for mobile homes
- Additional speakers connectable via audio output
- Large, easy to use ON / OFF switch
- 3 view modes:  
navigation, PiP (camera in navigation), camera

**High resolution 7" touchscreen with LED-backlight**

- Extended battery life
- Legible even in direct sunlight
- Mild, contrasty picture on long night journeys
- Display can be switched off completely for night driving with button on the device

Brightness, Contrast,  
Colour, Saturation

Mirror  
Microphone on/off



Guide lines in 3 stages

Model	CN-900
CPU	Core Logic CLG-7700 ARM11 800MHz
RAM	DDRII 256MB
Nand Flash	128MB
OS	Windows CE 6.0 Core
GPS chipset	GNS7560 Glonave Solution
Battery	2400mAh
Resolution	800x480px
Audio	2W Mono
Video IN	1xRV
Connectors	USB Slave 2.0 Audio-Out
Power supply	10-30V
Operating temperature	-10°C ~ +60°C
Dimensions (WxHxD)	201 x 117 x 40

**3 modes  
selectable via hardware buttons:**



Navigation



PiP  
(camera in navigation)



Camera

**Different mounts usable  
due to CAMOS-mounting bracket**



## Sygic® Navigation



More than 20 languages



44 European Countries



Clear routing



TMC



Vehicle-Attributes

- Accurate route calculation
- Destination entry via GPS coordinates available
- Vehicle attributes
- Actual maps of Europe
- More than 20 languages supported
- Lane assistant
- Speed camera warning  
(Updates free via [www.sygic.com](http://www.sygic.com))
- TMC
- POI-warning
- Large POI database (1.3 Millionen POI)  
including 8182 campsites in Europe
- Install more POI on [www.pobase.com](http://www.pobase.com)

**POIbase**  
NAVIGATION CONTENT

Model	CN-900	CN-920	CN-932	CN-942	CN-946
Camera	○	CM-20	CM-32	CM-42	CM-46
TMC-module	●	●	●	●	●
Multicable	○	●	●	●	●
12V cigar plug	●	●	●	●	●
Suction base	●	●	●	●	●
Article code	1210	1211	1212	1213	1214



**Multimedia System MMS-1000** [Art. 1527]

Watch TV via DVB-T, Audio-CD- and DVD-playback or playback of digital music- and videofiles are only a few of the numerous functions of the multimedia all-rounder.

- 12V DC Power supply
- CD / DVD Player
- Diversity TV-tuner (DVB-T and analogue)
- 2 x USB 2.0 to connect card reader, flash drive, etc.
- 1x eSATA to connect an external hard disk
- Network ready due to a LAN-Port (RJ-45)
- Audio outputs: analogue Cinch, S/PDIF digital (coaxial and optical)
- Video outputs: HDMI / Composite / Component
- Video input: Composite
- Timer controlled and manual recording

**CL-5** [Art. 1637]

Our proven supporter for all monitors from 5"-10.4" is securely mounted on the dashboard of your vehicle.

**CL-10** [Art. 1204]

This robust ceiling mount is suitable for all of our monitors from 5" to 10.4".

**CL-20** [Art. 1206]

Convenient DIN slot bracket, with swiveling and extendable arm. Suitable for all of our monitors from 5" to 10.4".

**CL-18** [Art. 1208]

Flexible suction stand from Herbert Richter for mounting on the windshield or dashboard (with the enclosed adhesive plate). Suitable for all CAMOS monitors from 5" to 10.4".

**Trailer cable** [Art. 1615H]

You have a caravan or trailer and do not want to miss the comfort of a rearview-camera? The trailer cable allows you to connect and disconnect the camera easily and securely. The connections are waterproof and flexible.





### CMS-24 AV Switch [Art. 1610]

Manual AV switch for two cameras and one other AV device, such as DVD player or satellite receiver. It is controlled by an external control panel. The camera signals can be mirrored. When using two cameras, the device switches between two channels on demand in a freely adjustable interval. In difficult situations, certainly a very useful feature. For monitors with only one AV input, the CMS-24 is also a useful addition.



### Quadbox CB-104S [Art. 1618]

Get more out of your monitor or navigation system! Connect up to four cameras and one other AV source via the Quadbox to your CAMOS monitor or navigation system, and immediately four camera images can be displayed simultaneously. All functions can be controlled by using the remote control.



### Ever forgotten your fingers?

The biometric fingerprint recognition has so far mainly been used in the home area and was adapted by us so that you can use it without problems in your motorhome.

All components have low power consumption in order to protect the car battery. Safe from shocks and certified according to automotive guidelines, the system covers all requirements.



### BAC-20 [Art. 1811]

On Easy Mobile Basic (BAC-20) the fingerprints are stored and deleted by pressing a button (on the indoor unit). An input of PIN numbers is not required. In this way, up to 100 fingerprints can be stored. The Easy Mobile Basic is best suited for private vehicles, which are used constantly by the same people.



### BAC-100 [Art. 1810]

The Easy Mobile (BAC-100) is equipped with a programming device for individual expert settings. Individual „templates“ (stored fingerprints) are signed with numbers and can be deleted or renamed at any time. These functions are important when frequently changing people use the vehicle, for example in the car rental.



Your CAMOS retailer

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Thornbury  
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West Yorkshire  
BD3 8QD  
01274 661 441  
[www.dicklanemotorhomes.co.uk](http://www.dicklanemotorhomes.co.uk)

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