





13 Lighting, Interconnections and Markings

MARKER LIGHTING

TT-number / Name	Drawing	Photo
<p>1321502.100 LED marker light front, white with holder, 12/24 V</p>		
<p>1321502.200 LED side marker light, orange with holder, 12/24 V</p>		
<p>1321502.300 LED rear marker light, red with holder, 12/24 V</p>		
<p>1321503.200 LED side marker light - NEON effect, position light with holder, 12/24 V</p>		
<p>1321511.100 LED side marker light, orange with 12/24 V terminal</p>		

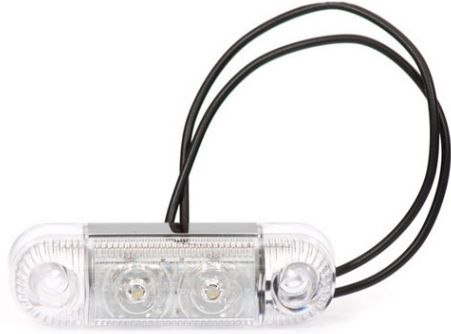


MARKER LIGHTING


TT-number / Name	Photo
<p>1321510.100 LED marker light white-red left, 12/24 V</p>	
<p>1321510.200 LED marker light white-red right, 12/24 V</p>	
<p>1321510.101 LED marker light white/orange/red left, 12/24 V</p>	
<p>1321510.201 LED marker light white/orange/red right, 12/24 V</p>	




MARKER LIGHTING

TT-number / Name	Photo
<p>1321505.100 LED marker light front, white, 12/24 V</p>	
<p>1321505.300 LED marker light rear, red, 12/24 V</p>	


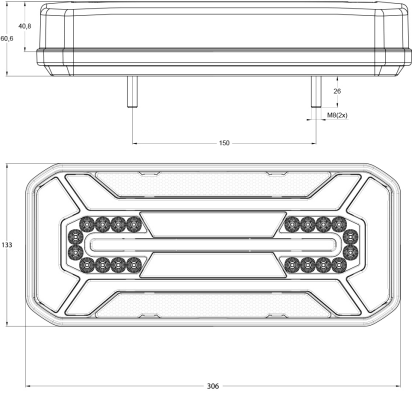


LED Antenna

TT-number / Name	Photo
<p>1315512.101 Rear left LED antenna - marker red/white</p>	
<p>1315512.201 Rear right LED antenna - marker red/white</p>	

LED Antenna - short



TT-number / Name	Photo
<p>1315512.102 LED rear left antenna - short, marker - red/white/orange</p>	
<p>1315512.202 LED rear left antenna - short, marker - red/white/orange</p>	



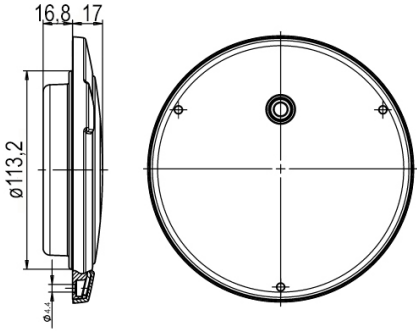

TT-number / Name	Drawing	Photo
<p>1321560.000 LED brake light, 12/24 V</p>		
<p>1321530.000 LED rear combination light with dynamic indicator, 12 - 24 V L/P, TYCO connector</p>		
<p>1315520.100 Number plate LED lighting</p>		



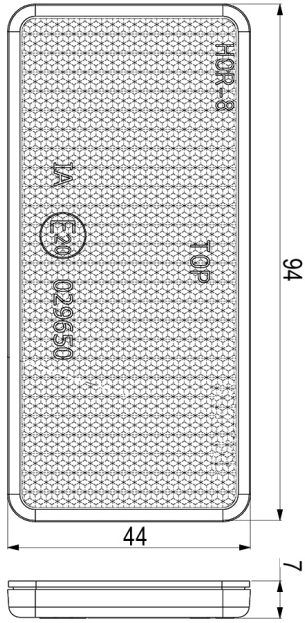
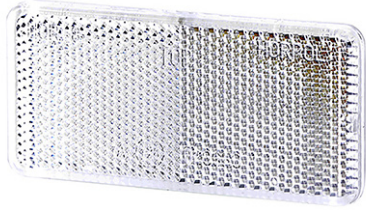

Working lamps

TT-number / Name	Photo
<p>1315539.000 Work lamp / reversing light 9 LED, 12 - 24 V</p>	
<p>1315539.100 Work lamp 9 LED with switch (magnet, spiral cable 7 m with car socket)</p>	

LED indoor



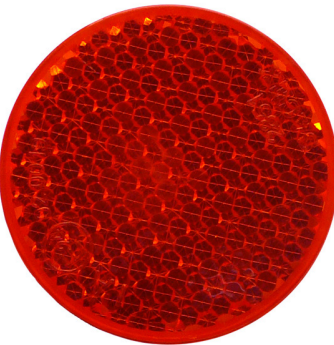

TT-number / Name	Drawing	Photo
<p>1321520.000 LED indoor lighting, 12/24 V</p>		

REFLECTORS


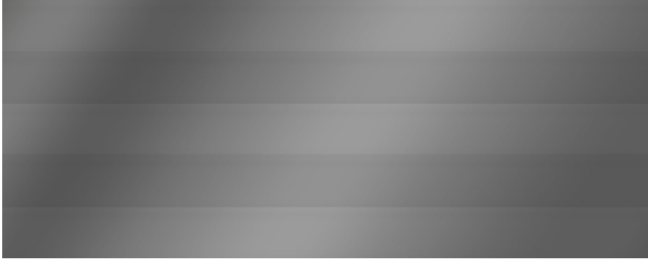

TT-number / Name	Drawing	Photo
<p>1315541.100 Reflector square white, 44 x 94 mm</p>		
<p>1315541.200 Reflector square orange, 44 x 94 mm</p>		







REFLECTORS

TT-number / Name	Photo
<p>1314001.100 Reflector orange self-adhesive round, diameter 54 mm</p>	
<p>1314002.100 Reflector white self-adhesive round, diameter 54 mm</p>	
<p>1314003.100 Reflector red self-adhesive round, diameter 54 mm</p>	
<p>1314004.300 Reflector orange screw-in round, diameter 54 mm</p>	











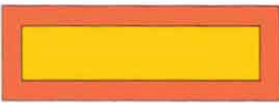
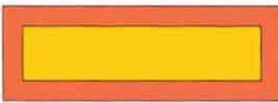

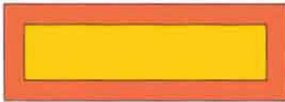




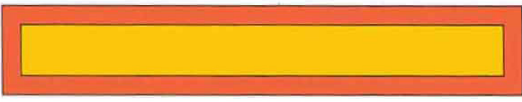
TT-number / Name	Photo
<p data-bbox="272 342 539 394">1320201.000 Red reflective marker tape, 50 mm</p> <p data-bbox="264 421 547 472">1320201.050 Red reflective marker tape, 50 m roll</p>	
<p data-bbox="264 741 547 792">1320202.000 White reflective marker tape, 50 mm</p> <p data-bbox="256 819 555 871">1320202.050 White reflective marker tape, 50 m roll</p>	
<p data-bbox="260 1140 550 1191">1320203.000 Yellow reflective marker tape, 50 mm</p> <p data-bbox="252 1218 558 1270">1320203.050 Reflective marker tape yellow, 50 m roll</p>	



TT-number / Name	Photo
<p>1320204.000 Red reflective marker tape, 50 mm - intermittent</p> <p>1320204.050 Red reflective marker tape, 50 mm - intermittent, 50 m roll</p>	
<p>1320205.000 White reflective tape, 50 mm - intermittent</p> <p>1320205.050 White reflective tape, 50 mm - intermittent, 50 m roll</p>	
<p>1320206.000 Yellow reflective marker tape, 50 mm - intermittent</p> <p>1320206.050 Yellow reflective marker tape, 50 mm - intermittent, 50 m roll</p>	
<p>1320207.050 Red reflective marker tape for tankers, 50 m roll</p>	

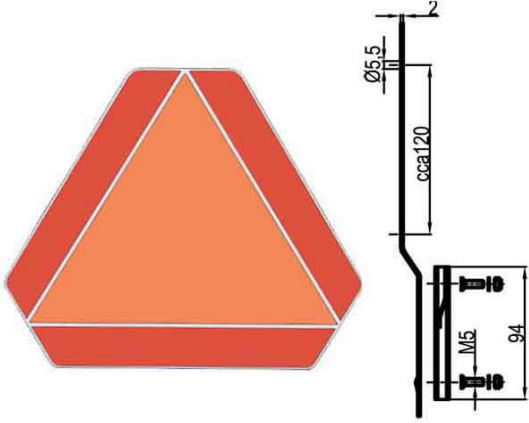






REFLECTIVE MARKINGS

TT-number / Name	Photo	
<p>1320001.300 Rear markings for motor vehicles, set of 2 Dimensions: 565 x 130 mm Material: Reflective Al sheet</p>		
<p>1320001.301 Rear markings for motor vehicles, set of 2, PREMIUM Dimensions: 565 x 130 mm Material: Reflective Al sheet</p>		
<p>1320001.350 Rear markings for motor vehicles, set of 2 Dimensions: 565 x 130 mm Material: Reflective sticker</p>		
<p>1320001.351 Rear markings for motor vehicles, set of 2 PREMIUM Dimensions: 565 x 130 mm Material: Reflective sticker</p>		
<p>1320002.300 Rear markings for connected trailers, set of 2 Dimensions: 565 x 195 mm Material: Reflective Al sheet</p>		
<p>1320002.301 Rear markings for trailers, set of 2, PREMIUM Dimensions: 565 x 195 mm Material: Reflective Al sheet</p>		
<p>1320002.350 Rear markings for connected trailers, set of 2 Dimensions: 565 x 195 mm Material: Reflective sticker</p>		
<p>1320002.351 Rear markings for trailers, set of 2, PREMIUM Dimensions: 565 x 195 mm Material: Reflective sticker</p>		
<p>1320003.300 Rear markings for trailers Dimensions: 1130 x 195 mm Material: Reflective Al sheet</p>		

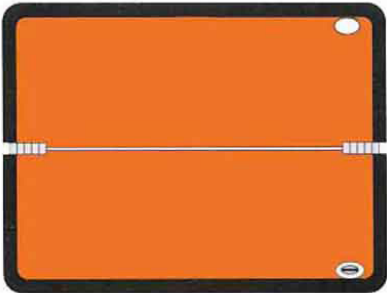
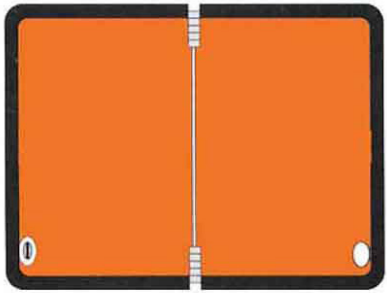
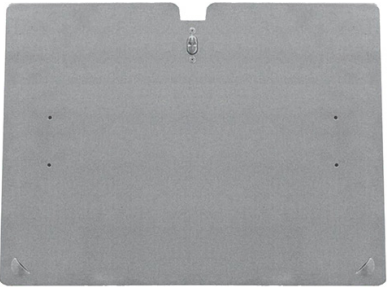
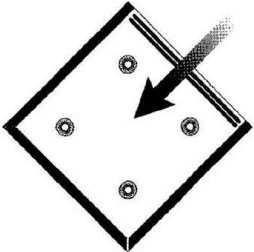


REFLECTIVE MARKINGS

TT-number / Name	Photo
<p>1320011.300 Rear markings for slow vehicles with a designed speed of up to 30 km/h Dimensions: 350 x 350 mm Material: Reflective Al sheet</p> <p>1320012.000 Holder for warning triangle</p> <p>1320013.000 Holder for vehicle</p>	
<p>1320021.300 TIR sign fixed Dimensions: 400 x 250 mm Material: Reflective Al sheet</p>	
<p>1320022.000 TIR sign folding (vertical) top fixed Material: Reflective Al sheet</p>	
<p>1320031.300 Oversize sign Dimensions: 500 x 500 mm Material: Reflective Al sheet</p>	
<p>1320032.310 Night parking signs UNIVERSAL Dimensions: 423 x 423 mm Material: Reflective Al sheet</p>	

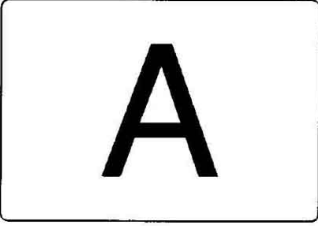
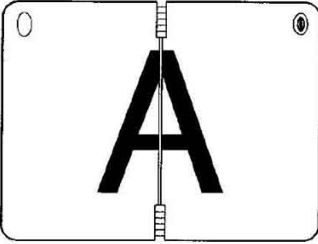
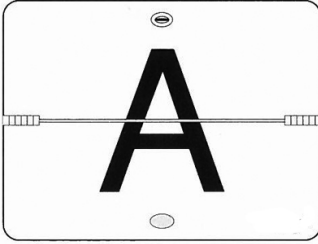



REFLECTIVE MARKINGS

TT-number / Name	Photo
<p>1320042.300 ADR sign - foldable horizontally Dimensions: 300 x 400 mm Material: galvanized steel</p>	
<p>1320043.300 ADR sign - foldable vertically Dimensions: 300 x 400 mm Material: galvanized steel</p>	
<p>1320044.000 Panel for ADR hanging sign Dimensions: 300 x 400 mm Material: galvanized steel</p>	
<p>1320045.000 Panel for ADR sign Dimensions: 300 x 300 mm Material: galvanized steel</p>	










REFLECTIVE MARKINGS

TT-number / Name	Photo
<p>1320051.300 Sign - A - waste transport, solid Dimensions: 300 x 400 mm Material: Al sheet</p>	
<p>1320052.300 Sign - A - waste transport, vertically foldable Dimensions: 300 x 400 mm Material: Al sheet</p>	
<p>1320053.300 Sign - A - waste transport, horizontally foldable Dimensions: 300 x 400 mm Material: Al sheet</p>	
<p>1320061.000 Sticker - L Dimension: diameter 225 mm</p>	











REFLECTIVE MARKINGS

TT-number / Name	Photo
<p>1320068.025 Sticker marking designed speed 25 km Dimension: diameter 200 mm</p>	
<p>1320068.030 Sticker marking designed speed 30 km Dimension: diameter 200 mm</p>	
<p>1320068.040 Sticker marking designed speed 40 km Dimension: diameter 200 mm</p>	
<p>1320068.080 Sticker marking designed speed 80 km Dimension: diameter 200 mm</p>	
<p>1320068.085 Sticker marking designed speed 85 km Dimension: diameter 200 mm</p>	
<p>1320068.090 Sticker marking designed speed 90 km Dimension: diameter 200 mm</p>	
<p>1320068.100 Sticker marking designed speed 100 km Dimension: diameter 200 mm</p>	



REFLECTIVE MARKINGS

TT-number / Name	Photo
<p>1320168.020 Reflective sticker - marking designed speed 25 km Dimension: diameter 200 mm</p>	
<p>1320168.025 Reflective sticker - marking designed speed 25 km Dimension: diameter 200 mm</p>	
<p>1320168.030 Reflective sticker - marking designed speed 30 km Dimension: diameter 200 mm</p>	
<p>1320168.040 Reflective sticker - marking designed speed 40 km Dimension: diameter 200 mm</p>	
<p>1320168.080 Reflective sticker - marking designed speed 80 km Dimension: diameter 200 mm</p>	
<p>1320168.085 Reflective sticker - marking designed speed 85 km Dimension: diameter 200 mm</p>	
<p>1320168.090 Reflective sticker - marking designed speed 90 km Dimension: diameter 200 mm</p>	
<p>1320168.100 Reflective sticker - marking designed speed 100 km Dimension: diameter 200 mm</p>	



REFLECTIVE MARKINGS

TT-number / Name	Photo
<p>1320072.000 Gas transportation sticker Dimensions: 320 x 320 mm</p>	
<p>1320074.000 Danger of explosion - Al sheet metal Dimensions: 320 x 320 mm</p>	
<p>1320075.000 Explosion hazard - PVC board Dimensions: 320 x 320 mm</p>	
<p>1320102.000 Reflective signs for containers Al sign - left Dimensions: 700 x 140 mm Material: Al sheet</p>	
<p>1320104.000 Reflective signs for containers Al sign - right Dimensions: 700 x 140 mm Material: Al sheet</p>	
<p>1320105.000 Sign reflex container 705x141 set L+P self-adhesive. Dimensions: 700 x 140 mm Material: Al sheet</p>	
<p>1320130.000 Reflective flags for folding face Dimensions: 250 x 400 mm</p>	





400kPa **850kPa**

TT-number	Name	Dimension
1320091.250	Tyre pressure sticker 250 kpa	80 x 40 mm
1320091.270	Tyre pressure sticker 270 kpa	80 x 40 mm
1320091.300	Tyre pressure sticker 300 kpa	80 x 40 mm
1320091.325	Tyre pressure sticker 325 kpa	80 x 40 mm
1320091.350	Tyre pressure sticker 350 kpa	80 x 40 mm
1320091.375	Tyre pressure sticker 375 kpa	80 x 40 mm
1320091.400	Tyre pressure sticker 400 kpa	80 x 40 mm
1320091.425	Tyre pressure sticker 425 kpa	80 x 40 mm
1320091.450	Tyre pressure sticker 450 kpa	80 x 40 mm
1320091.475	Tyre pressure sticker 475 kpa	80 x 40 mm
1320091.500	Tyre pressure sticker 500 kpa	80 x 40 mm
1320091.525	Tyre pressure sticker 525 kpa	80 x 40 mm
1320091.550	Tyre pressure sticker 550 kpa	80 x 40 mm
1320091.600	Tyre pressure sticker 600 kpa	80 x 40 mm
1320091.625	Tyre pressure sticker 625 kpa	80 x 40 mm
1320091.650	Tyre pressure sticker 650 kpa	80 x 40 mm
1320091.675	Tyre pressure sticker 675 kpa	80 x 40 mm
1320091.700	Tyre pressure sticker 700 kpa	80 x 40 mm
1320091.725	Tyre pressure sticker 725 kpa	80 x 40 mm
1320091.750	Tyre pressure sticker 750 kpa	80 x 40 mm
1320091.775	Tyre pressure sticker 775 kpa	80 x 40 mm
1320091.800	Tyre pressure sticker 800 kpa	80 x 40 mm
1320091.825	Tyre pressure sticker 825 kpa	80 x 40 mm
1320091.850	Tyre pressure sticker 850 kpa	80 x 40 mm
1320091.900	Tyre pressure sticker 900 kpa	80 x 40 mm
1320091.950	Tyre pressure sticker 950 kpa	80 x 40 mm

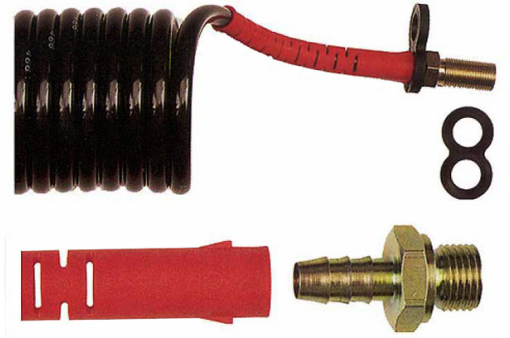
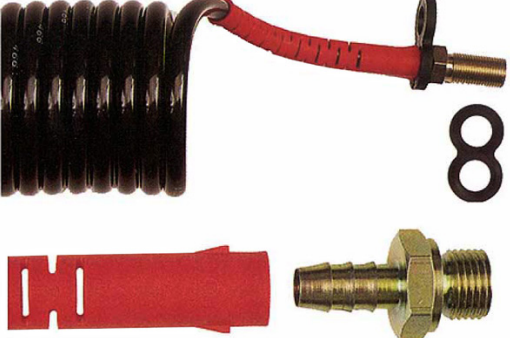


CABLES

TT-number / Name	Photo
<p data-bbox="347 378 461 405">1321580.000</p> <p data-bbox="189 405 622 432">Flat cable 2 x 1.5 mm²; YLY-SP (6.5 x 3.9 mm), roll 100 m</p>	
<p data-bbox="347 777 461 804">1350 050.020</p> <p data-bbox="231 804 580 831">AV CABLE 20M RCA male-male camera cable</p>	



AIR HOSES

TT-number / Name	Photo
<p>1311007.000 Spiral air hose M22 - red Spiral air hose with working length 4.0 m, number of threads 20 and colour red. It is made of thermally and colour stable material. International standard of connection dimensions, colour coded according to ISO 7375, ISO 7628, DIN 73378, DIN 74323, DIN 74324.</p> <p>Dimensions: M22 x 1.5 mm</p>	 <p>The photo shows a red spiral air hose with a black braided reinforcement. It is equipped with a brass M22 x 1.5 mm female threaded fitting on one end and a brass M22 x 1.5 mm male threaded fitting with a hexagonal base on the other. A black O-ring is shown next to the fittings.</p>
<p>1311008.000 Spiral air hose M22 - yellow Spiral air hose with working length 4.0 mm, number of threads 20 and colour yellow. It is made of thermally and colour stable material. International standard of connection dimensions, colour coded according to ISO 7375, ISO 7628, DIN 73378, DIN 74323, DIN 74324.</p> <p>Dimensions: M22 x 1.5 mm</p>	 <p>The photo shows a yellow spiral air hose with a black braided reinforcement. It is equipped with a brass M22 x 1.5 mm female threaded fitting on one end and a brass M22 x 1.5 mm male threaded fitting with a hexagonal base on the other. A black O-ring is shown next to the fittings.</p>

SOCKETS AND PLUGS

TT-number / Name	Photo
<p>1312041.000 Socket with voltage 12 V, current load 20 A and number of poles 7. Material: Metal</p>	
<p>1312043.000 Socket with voltage 12 V, current load 20 A and number of poles 7. Material: Plastic</p>	
<p>1312044.000 Plug with voltage 12 V, current load 20 A and number of poles 7. Material: Plastic</p>	
<p>1312045.000 Socket with voltage 12 V, current load 20 A and number of poles 13. Material: Plastic</p>	



SOCKETS AND PLUGS

TT-number / Name	Photo
<p>1312046.000 Plug with voltage 12 V, current load 20 A and number of poles 13. Material: Plastic</p>	
<p>1312048.500 Mini adapter P50 13/7 12 V Mini adapter length 50 mm, for 12 V, according to ISO 11446, ISO 1724 Usage: 13-pole socket on the towing vehicle, 7-pole plug on the trailer. Material: Plastic</p>	
<p>1312049.500 Mini adapter GB 7/13 12 V Mini adapter length 50 mm, for 12 V, according to ISO 11446, ISO 1724 Usage: 13-pole plug on trailer, 7-pole socket on towing vehicle. Material: Plastic</p>	
<p>1312051.000 Rubber grommet for 13-pole socket</p>	



CAMERAS AND MONITORS

A camera system is the perfect aid for use on vans, trucks, buses, semi-trailer trucks, refuse trucks and agricultural equipment. Our range of products allows you to create a system to meet your particular needs on a specific vehicle. Choose the right monitor size and camera, or simply add additional cameras to your existing system. Installing the system will improve driving comfort, reduce driver fatigue and help prevent accidents and collisions.

Monitors allow you to set the appropriate image orientation when the camera is rotated in an unconventional manner. Connecting trigger wires allows the feeds from individual cameras to appear over the entire screen automatically when the driver needs to see in that direction (for example when turning or reversing).



In addition to universal cameras, a rear camera may be integrated into the brake light on some van models, which helps preserve the original appearance of the back of the vehicle. Given the ability to use cameras in vehicles of different sizes, individual connecting cables are not included with the cameras and must be ordered in the required quantities and lengths. All cameras are designed for outdoor use with IP68 or IP69K protection and the horizontal angle of view is 120°.

MONITORS

- Diagonal 7", 9" or 10"
- resolution 1024 x 600 pixels (AHD monitors)
- video inputs for 720p HD and CVBS cameras
- 2, 3 or 4 channel (4-split view function)
- 4 image orientation setting options
- TV system: PAL/NTSC support
- automatically displays the correct feed (e.g. when reversing or turning)
- M12 4 PIN connection cable or wireless (only TFT7HDW)

CAMERAS

- CMOS 1/3" sensor chip (AHD cameras)
- 720p HD and C VBS resolution
- automatic IR illumination
- durable M12 4-PIN screw-in connectors
- resistance to wear (IP69K) and shock (min. 4G)



AHD – PROPERTIES AND APPLICATIONS

"Analogue High Definition" is a technology that is a successor to analogue systems, but processes and transmits high resolution images (e.g. HD 720p - 1280 x 720) over cables without delay or loss.

AHD uses progressive scanning, and the signal format permits the elimination of blur and flicker, while improving colour reproduction. Uncompressed "raw" data is transmitted in analogue form, which eliminates delay, choppiness and image jamming.

AHD offers the advantages of compatibility and variability. For example 720p AHD cameras may be used with 720p or 1080p AHD monitors. 720p AHD monitors support 720p AHD cameras and analogue cameras at the same time. AHD recorders with AHD technology tend to be hybrid (MXVR1004), meaning they support IP cameras as well as analogue cameras in addition to AHD cameras.

Due to the fact that AHD cameras are also equipped with automatic IR illumination, the AHD image is even more detailed in the dark (compared to an analogue camera), and the only remaining advantage of an analogue system is a lower monitor price.



Compatibility table		CAMERA		
		AHD 720p	AHD 1080p	Analogue
MONITOR	AHD 720p	OK		OK
	AHD 1080p	OK	OK	OK
	Analogue			OK


APPLICATIONS FOR TYPICAL COMMERCIAL VEHICLES AND LORRIES

For easy orientation, to determine the appropriate monitors and cameras, we list 8 typical vehicles with the location of specific system items.









MONITOR

	TT-number	position	description	diagonal size	resolution	AHD/ analogue	channels / split image	connectors
	1350107.000	1	4 channel, analogue, automatic camera detection	7"	800 x 480	analogue	2 ch	M12 4PIN



CAMERAS

	TT-number	position	location	sensing chip	AHD/ analogue	IR illumination	connector	TV system
	1350022.000	2	rear, in brake light for Jumper, Boxer, Ducato (06-)	CCD Sharp 1/4"	analogue 420TVL	yes	RCA	NTSC
	1350004.000	3	side, in rear-view mirror	CMOS 1/4"	analogue 420TVL	no	RCA	NTSC
	1350001.000	4	in cargo area	CMOS 1/3"	analogue 600TVL	yes	RCA	PAL

BLIND SPOT DETECTION

	1350037.000	5	into the plastic rear bumper	9 V – 30 V	acoustically, visually	2x microwave 79 GHz	5 m rear, left and right	Control unit - display 4.5 m
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BLIND SPOT DETECTION

	1350024.000	2	OEM parking camera for Renault Master, Opel Movano	CCD Sharp 1/4"	analogue 420TVL	yes	RCA	NTSC
	1350021.000	2	OEM Parking camera, VW, Mercedes	CCD Sharp 1/4"	analogue 420TVL	yes	RCA	NTSC









MONITOR

	TT-number	position	description	diagonal size	resolution	AHD/ analogue	channels / split image	connectors
	1350108.000	1	3 channel, AHD, automatic camera detection	9"	1024 x 600	AHD 720p	4ch 2, 3, 4	M12 4PIN

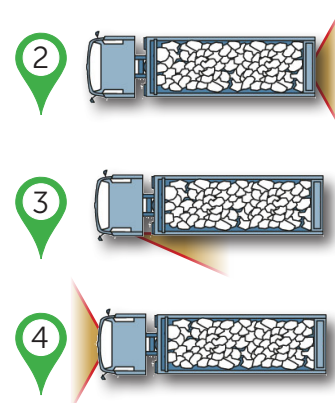
CAMERAS

	TT-number	position	location	sensing chip	AHD/ analogue	IR illumination	connector	TV system
	1350008.000	2	rear, heated, automatic folding shield	CMOS 1/3"	AHD 720p	yes	M12 4PIN	PAL
	1350007.000	3	side	CMOS 1/3"	AHD 720p	yes	M12 4PIN	PAL
	1350004.000	4	side, in rear-view mirror	CMOS 1/4"	analogue 420TVL	no	RCA	NTSC
	1350007.000	4	in interior	CMOS 1/3"	AHD 720p	yes	M12 4PIN	PAL

BLIND SPOT DETECTION

	1350037.000	6	into the plastic rear bumper	9 V – 30 V	acoustically, visually	2x microwave 79 GHz	5 m rear, left and right	Control unit - display 4.5 m
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MONITOR

	TT-number	position	description	diagonal size	resolution	AHD/ analogue	channels / split image	connectors
	1350108.000	1	3 channel, AHD, automatic camera detection	9"	1024 x 600	AHD 720p	4ch 2, 3, 4	M12 4PIN

CAMERAS


	TT-number	position	location	sensing chip	AHD/ analogue	IR illumination	connector	TV system
	1350008.000	2	rear, heated, automatic folding shield	CMOS 1/3"	AHD 720p	yes	M12 4PIN	PAL
	1350007.000	3	in interior	CMOS 1/3"	AHD 720p	yes	M12 4PIN	PAL
	1350004.000	4	side, in rear-view mirror	CMOS 1/4"	analogue 420TVL	no	RCA	NTSC

BLIND SPOT DETECTION




	1350037.000	5	into the plastic rear bumper	9 V – 30 V	acoustically, visually	2x microwave 79 GHz	5 m rear, left and right	Control unit - display 4.5 m
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MONITOR

	TT-number	position	description	diagonal size	resolution	AHD/ analogue	channels / split image	connectors
	1350108.000	1	3 channel, AHD, automatic camera detection	9"	1024 x 600	AHD 720p	4ch 2, 3, 4	M12 4PIN

CAMERAS

	TT-number	position	location	sensing chip	AHD/ analogue	IR illumination	connector	TV system
	1350008.000	2	rear, heated, automatic folding shield	CMOS 1/3"	AHD 720p	yes	M12 4PIN	PAL
	1350007.000	3	in interior	CMOS 1/3"	AHD 720p	yes	M12 4PIN	PAL
	1350004.000	4	side, in rear-view mirror	CMOS 1/4"	analogue 420TVL	no	RCA	NTSC

BLIND SPOT DETECTION

	1350037.000	5	into the plastic rear bumper	9 V – 30 V	acoustically, visually	2x microwave 79 GHz	5 m rear, left and right	Control unit - display 4.5 m
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ON-BOARD CAMERAS

TT-number
1350035.000



Dash cam, Full HD, CPL filter, parking mode Neoline X72

NEOLINE Full HD Car Camera (1080p 30fps, 720p 60fps), SO NY Exmor image sensor, f 1.8 aperture, with 140° viewing angle, IPS 2.0" display, WDR, support up to 128 GB SD card. The sophisticated parking mode supports individual recording settings when parking, including resolution, sensitivity. Start recording by shaking or movement, or both sensors. The camera includes Night Mode in monochrome mode for better image capture in low light conditions.

Technical parameters:

- Image sensor: SONY Exmor CMOS, Novatek CPU
- Video resolution: Full HD 1920x1080 (30 sn/sec)
Video format: MP4
- WDR: image optimisation for bright and dark conditions
- Scanning angle: 140°
- Display: built-in, 2.0" diagonal
- CPL filter – rotary anti-glare polarising filter
- Speaker and Microphone: built-in magnetic holder - quick and firm attachment
- G-overload sensor
- Parking mode
- Night mode
- Cyclic recording
- Date and time – option to display on the recording
- Micro SD slot: support 8 GB to 128 GB capacity built-in capacitor
- Menu language: CZ, EN, FRA, RU, ESP, DE, PL
- Storage temperature: from -20°C to +70°C
- Operating temperature: from -10°C to +60°C

TT-number
1350036.000



On-board camera for cars, Wi-Fi, GPS

Full HD car camera with built-in GPS, overload sensor, Wi-Fi and mobile app. This camera has a gesture sensing function that allows you to lock the video or save a photo by waving your hand in front of the camera. The lens is a 6-layer lens with a 152° angle of view, F1.8 aperture.

Technical parameters:

- CPU: Hisilicon 3561C_V200
- Image sensor: Panasonic CMOS
- Lens: 6-layer, 152° scanning angle, F1.8
- Wi-Fi: 2.4 GHz, 802.11b / g / n.
- G-sensor: simple overload sensor
- Video resolution: 1920 * 1080 (16:9), 9), @ 30fps
- Audio: 8 kHz, 2 channels
- Photo resolution: 1920 * 1080, .JPG
- Storage: SD card, up to 64 GB, Class
- Operating temperature: from -20°C to +70°C
- Power: DC 5 V, 1 A, from 12/24 V adapter
- Video processing: 3D filter, image enhancement
- Mobile application: Smart iCarcam



CABLING AND ADAPTERS

	TT-number	description	channels
	1350058.000	M12 cable, male-male, length: 5 metres	1
	1350052.000	cable M12, male-female, length 10 metres	1
	1350053.000	cable M12, male-female, length 15 metres	1
	1350054.000	cable M12, male-female, length 20 metres	1
	1350056.000	flexible cabling to connect tractor/trailer, M12, male-male	3
	1350057.000	monitor (M12 male plug) and camera (RCA male plug) adapter	1

TT-number
1350200.000



Network DVR video recorder designed for mobile applications and vehicle installation. The device can be connected to 4x analogue HDCVI / AHD / TVI / CVBS and one IP camera (up to 4Mpix). ONVIF allows connection of cameras from different manufacturers. The camera footage is recorded on two SD cards (max. 2x 256 GB, not included). The recordings can be viewed directly on the connected monitor, networked in a web browser. The recording equipment keeps the system running even under harsh conditions because it meets the requirements of EN50155, ISO 7637-2 and ISO16750 - standards for electronic equipment used in road and rail transport, including requirements for temperature, humidity, shock, vibration. On request, a version of the device with GPS / 4G / WIFI can be supplied.

Technical parameters:

Image processing:

- possibility of a time delay for switching off the recording
- motion detection in the image
- alarm in case of loss of video signal
- alarm in case of camera view obstruction
- alarm in case of vehicle overturning
- recording speed up to 100 Mb/s
- summary view of all connected cameras: combination 1/4/8
- recording modes manual, schedule (regular [continuous])

General characteristics, parameters:

- Fanless: yes
- Video compression: H.264, H.264+, H.265+, H.265
- Max. resolution of IP recording (Mpx): 4.0
- Max. recording resolution AHD 2 (1080p)
- Dahua IoT: no
- Video analytics NVR: yes
- RAID controller: no
- Alarm input/output: yes (7/2)
- Number of connectable IP cameras: 1
- Power supply for PoE/PoC cameras: yes
- 4x HDCVI/AHD/TVI/PAL input (4pin)
- 2x USB 2.0 ports

