



BLAUPUNKT AVMC 1.0 ALL-VIEW-MONITORING CAMERA Installation Guide

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ALL-VIEW-MONITORING CAMERA

AVMC 1.0



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Operating and Installation Instructions

CAUTIONS

Safety Notes

This vehicle security system has been manufactured according to established safety guidelines. However, dangers may still occur if the safety notes in this manual are not observed. This manual is intended to familiarize the user with the reverse camera important functions. Read this carefully, prior to using the product. Keep this manual in an easily accessible location. In addition, do observe the instructions of the devices used in conjunction with this all-view monitoring camera.

Attentions

- Assign a mounting location that will not obstruct the driver in any circumstances. Or cause injuries to drives and passengers in case of emergency brakes or accidents.
- Ensure all wires are connected properly, and that the unit is functioning well before fitting the unit into the mount.
- Any unauthorized installation, disassembly, or modification may cause malfunction to the unit and void the warranty of the unit.
- Always use only the parts that are included with the units only.
- Do not damage vehicle components when drilling holes for the mount.
- The vehicle may differ from the description provided here. Consult an authorized Blaupunkt dealer or vehicles manufacturer if the information provided here does not fit your specific installation requirement.
- This unit is applicable for front, rear, and side camera use. Consult an authorized Blaupunkt dealer during installation.
- The unit does not record video. Avoid automatic car wash or high-pressure water to prevent water and pressure from damaging the camera or causing it to fall off.
- Do not install this unit near the heater outlet.

This manual may be updated from time to time without any notice

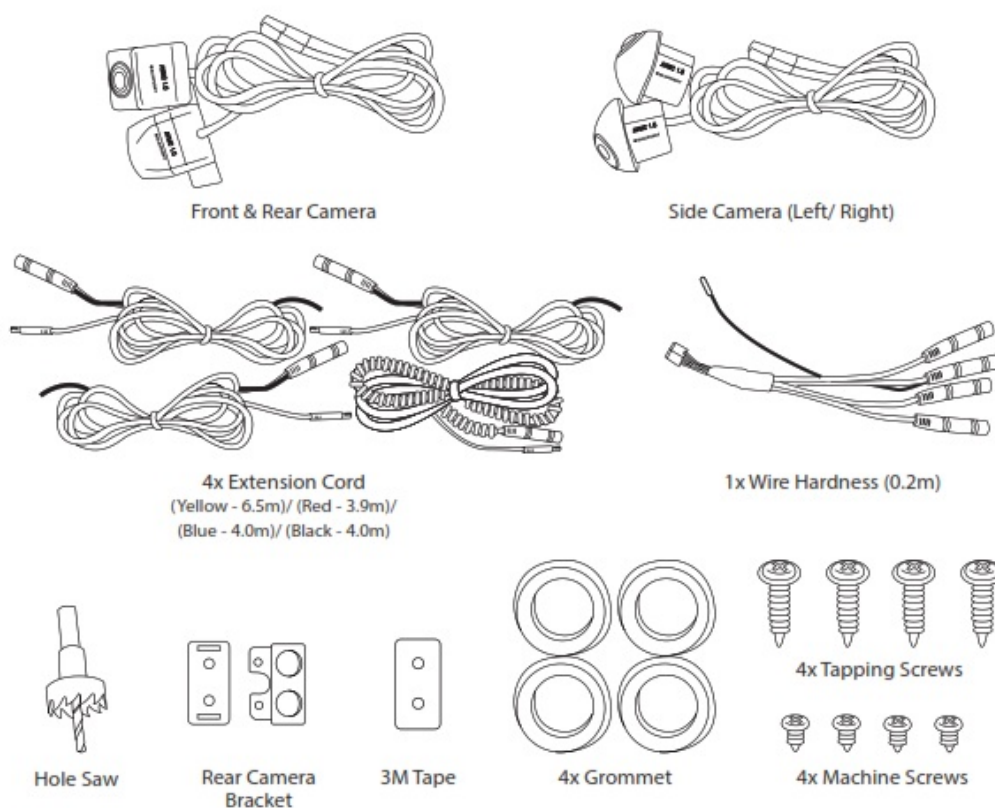
Disclaimer

In no event shall Blaupunkt be liable for any direct, indirect, punitive, incidental, special consequential damages to property or life and whatsoever arising out of or connected with the use or misuse of our products. USA & CANADA: This product is not intended for sale in the United States and Canada. If purchased in the U.S. or Canada, this product is purchased on an as-is basis. No warranty, whether expressed or implied is provided in the U.S. or Canada.

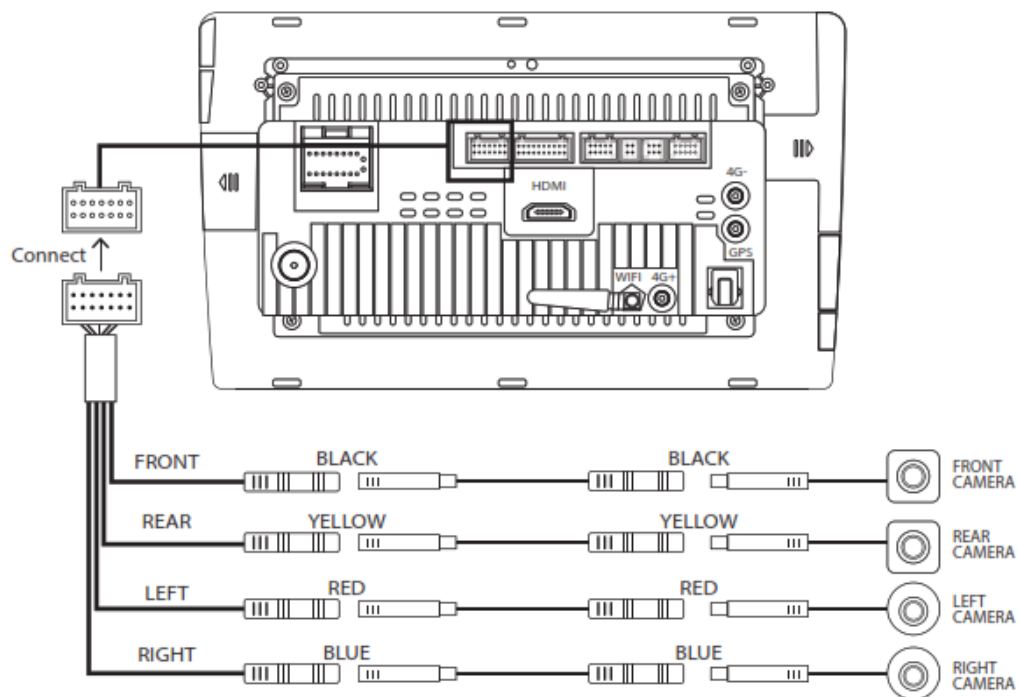
SPECIFICATION

Features	
Chip Model	IMX8307(Camera)+NVP2431(Processing)
Camera Specifications	1/3 inch (6mm)
Effective Pixels	1297×977=L27MP
Image Resolution	1000 TVL
Maximum Frame Rate	720p HD 60fps
Dynamic Range	Support Standard Dynamic Range
Sync System	Internal
Signal Noise Ratio	≥48dB
Video Signal	1.0Vp-p at 75ohm
Exposure Control	Automatic
White Balance	Automatic
Illumination Min.	0.001 Lux/F2.0
Operating Voltage	3.5V~5.5V
Power Input Range	3.5V~5.5V
Operating Temperature	-20~75°C

Accessories

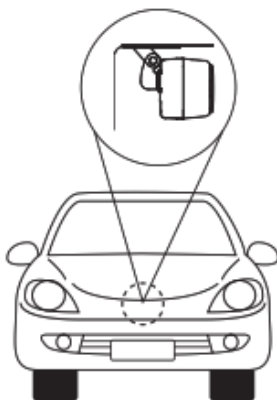


WIRING DIAGRAM

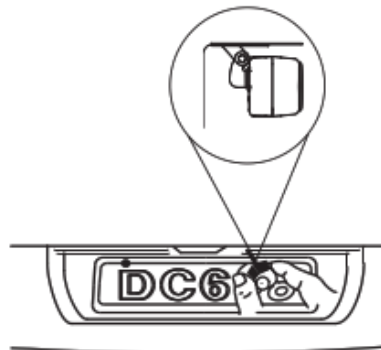


INSTALLATION LOCATION

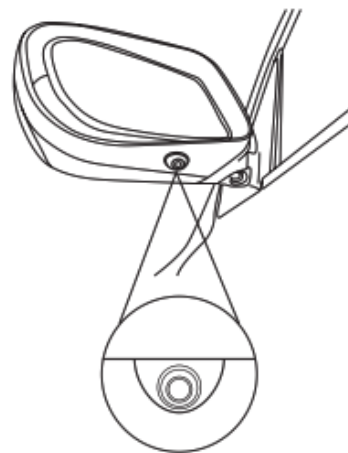
a) Front Camera



b) Rear Camera



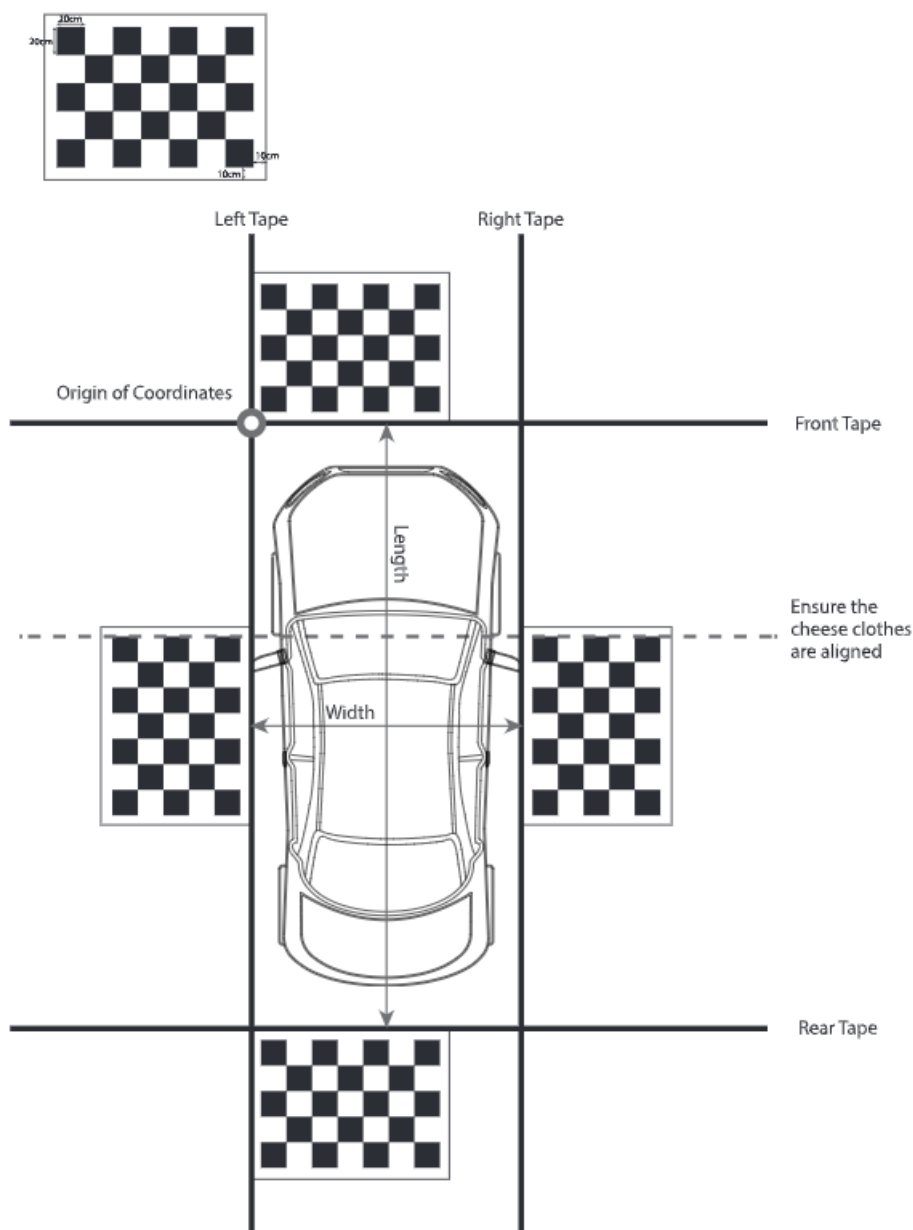
c) Side Camera



CORRECTION CALIBRATION

NOTE :

- Chessboard Cloth is used for All-View Monitoring Camera Correction Calibration.
- It is excluded from the packaging.



TROUBLESHOOTING

If any of the following problems occur, please resort to Troubleshooting for possible solutions. Consult Blaupunkt authorized dealer if the problem persists.

Problem	Solution
Display monitor/car radio does not show a surround view.	Restart the display monitor/car radio.
Surround-view does not show even after restarting the display monitor/ car radio.	Examine if the power supplies are properly connected.
Surround-view does not show even though power supplies of the reverse light or the rear car plate lights are properly connected.	Examine if the power supply cables are damaged. Repair/ replace if the cables are damaged.



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Designed and engineered by Blaupunkt Competence Centre

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Documents / Resources

	<p>BLAUPUNKT AVMC 1.0 ALL-VIEW-MONITORING CAMERA [pdf] Installation Guide AVMC 1.0, ALL-VIEW-MONITORING CAMERA</p>
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Manuals+