

Questions and Answers

RVS-1 rear view camera system and RVC-1 camera

Question: Why doesn't Hella state a **diagonal image angle?**

Answer: The diagonal image angle does not provide any meaningful information regarding the actual viewing angle; it is rather a purely physical-optical dimension. What is decisive for the image quality of the camera are the particularly large horizontal and vertical image angles.

Question: What is special about the monitor for the RVS-1?

Answer: The monitor is fully certified for application in the OE sector and is tested in accordance with strict Hella standards which in part exceed OE requirements. The monitor we use is already fitted in premium vehicles from renowned manufacturers.

Question: How easy is connection to **existing monitors?**

Answer: The camera can be connected to any monitor that has an analogue video input and that can process an NTSC signal.

Question: Why is it that the Hella camera has neither **motor covers for protection from dirt nor **heating**, nor **LEDs**?**

Answer: A cover is an additional, sensitive component which represents a potential source of failure. Moreover, this would cause additional costs which are not compensated for by the benefit. High-quality cameras such as the RVC-1 are protected against adverse environmental influences.

Heating is especially necessary for cameras that are fraught with problems even in the mid-European winter. Our camera is still operational at temperatures down to -40 °C and does not therefore need any heating. Furthermore, we are able to do without a housing with a screen, which means that no ice can form on the glass screen. This is usually the real problem with numerous cameras from the competition.

LEDs are used in the case of cameras with such low light sensitivity that they need additional illumination. Our camera can still capture an image even in extreme darkness. What's more, it is characterized by high infrared sensitivity, such that even the taillights of a vehicle ensure good illumination of the field of vision. Due to the omission of additional infrared lighting, users also have the advantage that the camera does not see a "spotty" representation in which everything that lies outside the IR-illuminated field disappears into the darkness. The Hella RVC-1 uses ambient light and therefore achieves an overall more even representation.

