



? What is LIZZARD?

! LIZZARD see and target is a laser and/or camera assistance system that makes it easier to pick up load carriers. As standard the LIZZARD is mounted on an ISO fork carrier.

? Which variants are there and how do they differ?

Product	LIZZARD Target	LIZZARD Cam	LIZZARD Premium
Component	cross laser	camera + monitor	cross laser, camera + monitor
Function	projection of a green cross laser	live video stream	combination of LIZZARD Target and LIZZARD Cam
Continuous operation (battery)	min. 50 hours	min. 10 hours	min. 10 hours

? Where is the LIZZARD mounted?

! The LIZZARD can be mounted on any ISO fork carrier (ISO 2A - 4B) in the centre between both forks.

? Are there any requirements for the use of LIZZARD?

! The forks must have a back thickness of at least 40mm. Otherwise, the load will permanently collide with the LIZZARD, which significantly reduces its life time. For better protection the VETTER KOALA impact protector can be mounted on the forks. Before installing the LIZZARD, ensure that there is sufficient space on the fork carriage. Load backrests or fork positioners may block the mounting of the LIZZARD.

? Which laser is used?

! Lasers protection class 1M are used. There is no danger to the human eye as long as the laser beam is not amplified by additional optical instruments (e.g. lenses or telescopes).

? Which camera is used?



An AHD camera with a field of view of 90° is used. The resolution is 800x600 pixels.

? How is the data transmitted?



Data transmission via WiFi.

? How is the LIZZARD supplied with power?



The power is supplied via the VETTER SmartSupply (with BOSCH battery). If the LIZZARD is not used for a longer period of time, the battery should be removed to protect it from deep discharge.

? What power supply is used for the monitor?



The monitor of LIZZARD Cam + LIZZARD Premium is connected to the power supply of the forklift truck. The monitor is designed for an operating voltage of 10 - 32V. Voltage converters for non-compatible devices can be offered optionally.

? How long does the battery take to recharge?



To ensure full battery capacity, fully charge the battery before using the LIZZARD for the first time. The battery is fully charged within one hour (battery charger is part of the scope of supply).

? How to switch on the LIZZARD?



As soon as the LIZZARD is supplied with power, it is ready for use. After approx. 120 seconds standstill the LIZZARD switches to energy-saving mode. The built-in vibration sensor automatically switches the LIZZARD on again, when the truck is moved.

? Is the LIZZARD waterproof and dust protected?



The LIZZARD has protection class IP44, therefore LIZZARD is protected against dust and splash water.

? Are customised solutions possible?



In addition to the standard, LIZZARD can be customised in terms of colour, laser, suspension and power supply. Please contact us if you prefer individual solutions.

? Is LIZZARD compatible with SmartFork®?



The LIZZARD can be combined with SmartFork®. If for example a FrontCam is already in use, the camera of the LIZZARD will be connected to the same monitor. If required, we would be pleased to advise you and find the best possible solution together with you.