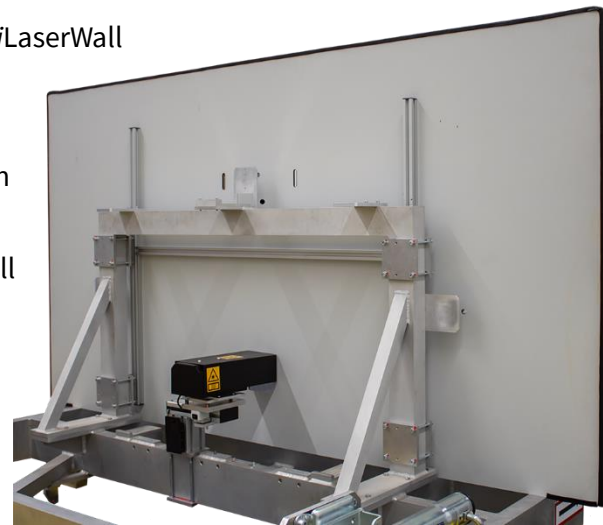


## Description

The *VisiLaserCal* is used for simple calibration of the *VisiLaserWall* boxes. To calibrate the green laser scanners, it projects a known, unchanging matrix of points onto the 10 m wall. With the *VisiLaserWall+*, the calibration routine can be automated using the existing digital camera. This also makes it possible to replace individual *VisiLaserWall* boxes yourself and to adjust existing ones.

For *VisiLaserWall* versions without a built-in digital camera, the *VisiLaserCal* enables simple manual calibration, in which the points of the matrix are manually approached and confirmed in the software.

The red lasers are calibrated in the same way for both versions using a measured calibration panel on the master gauge. Here, the measured points on the calibration panel are also manually approached and confirmed.



*VisiLaserCal* and calibration panel (rear view)

### Benefits for our customers

- Simple semi-automatic calibration/re-adjustment of the *VisiLaserWall* boxes
- Simple replacement of individual *VisiLaserWall* boxes without external specialist personnel



Fix calibration points on the calibration panel



Projection of the calibration points on the projection panel of the *VisiLaserWall+*

## Order numbers

	Order number
<i>VisiLaserCal</i>	B253138
Calibration panel for master gauge	B275986
Counterbalance for calibration panel	B276017

## Technical Data

	Features, functions etc.
Dimensions incl. base plate (H x W x D)	approx. 130 mm x 160 mm x 330 mm
Power supply	5 V DC
Protection type according to DIN EN 60529	IP54
Laser Class according to DIN EN 60825-1	2
Wave length	658 nm
Point matrix	11 x 11 point matrix 2,9° angle between the individual points 29° x 29° total angle
Interfaces	Ethernet 1 GB/s Communication GBit Interface Industrial connector: Harting
Temperature range	0 °C–45 °C
Humidity	Up to 90 %, not condensing

## Further components



**Master gauge:** For mounting the *VisiLaserCal* and calibrating the projection boxes and cameras



**Software:** Storage of target contours, offsets etc. for each headlight type. Process control or integration into the customer's own software environment on request.