



RIEGL V-Line UB 23

Upgrade Box for RIEGL VZ-Series Laser Scanners

The V-Line UB 23 enables functionality as known from the VZ-i Series Scanners on the existing VZ-Series Scanners (VZ-400, VZ-1000, VZ-2000, VZ-4000, VZ-6000). It includes a micro-computer with pre-installed software offering functionality similar to the integrated post processing board of the VZ-i Series Scanners. The Graphical User Interface (GUI) is available via any VNC-viewer (e.g., RIEGL VZ-i Series App). For stable 24/7 operation the UB 23 is an integrated hardware component of the V-Line CB 23.



For details, please refer to the Info Sheet "V-Line CB 23".

Key Features

- » automatic data acquisition workflows
- » automatic scan data registration
- » apps for automatic onboard data processing
- » Python scripting for system customization
- » scan data synchronization on a Network Attached Storage (NAS)
- » remote scanner operation
- » high accurate environmental data by external sensor

Hardware Components, Functionality & Technical Data

V-Line UB 23

UB 23 integrated in V-Line CB 23

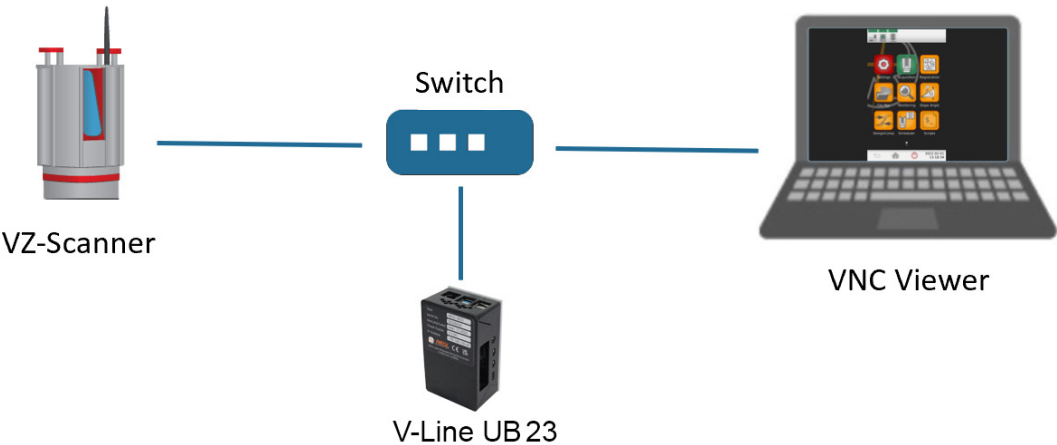


Power Supply Input Voltage	5 V DC via USB-C connector
Power Consumption (max.)	15 W
Main Dimensions (LxBxH) without DIN-Rail mounting	106.5 x 67 x 41.5 mm
Weight without DIN-Rail mounting	165 g
Temperature Range (Operation)	0°C up to +50°C

Contact us



Typical Network Configuration



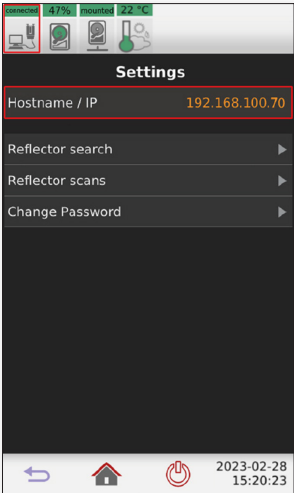
The UB 23 and the scanner are connected via a switch or installed within a computer network. The VNC Viewer to operate the system runs on any computer within this network. When operating the UB 23 within the *RIEGL* V-Line CB 23 all necessary settings are pre-configured for a stable 24/7 remote-control of the whole system.

Excerpt Graphical User Interface (GUI) UB 23

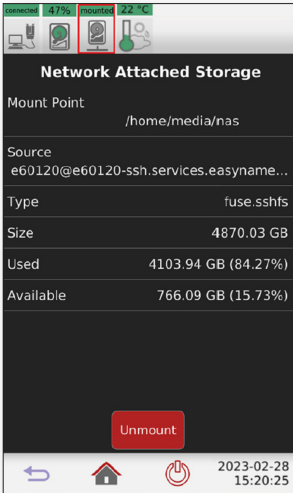
Home Screen of UB 23 GUI



Scanner status connected and ready for data acquisition



Setup of a cloud storage via SFTP protocol for automatic data synchronization



Usage of environmental sensor data for atmospheric correction of the acquired scan data

