

# Fact Sheet

## BVS®-L

**BIZERBA**

*The BVS®-L vision system is impressive in terms of its unique inspection performance for various products. It allows synchronous package control from above and below. Due its design the system easily integrates into any production environment.*

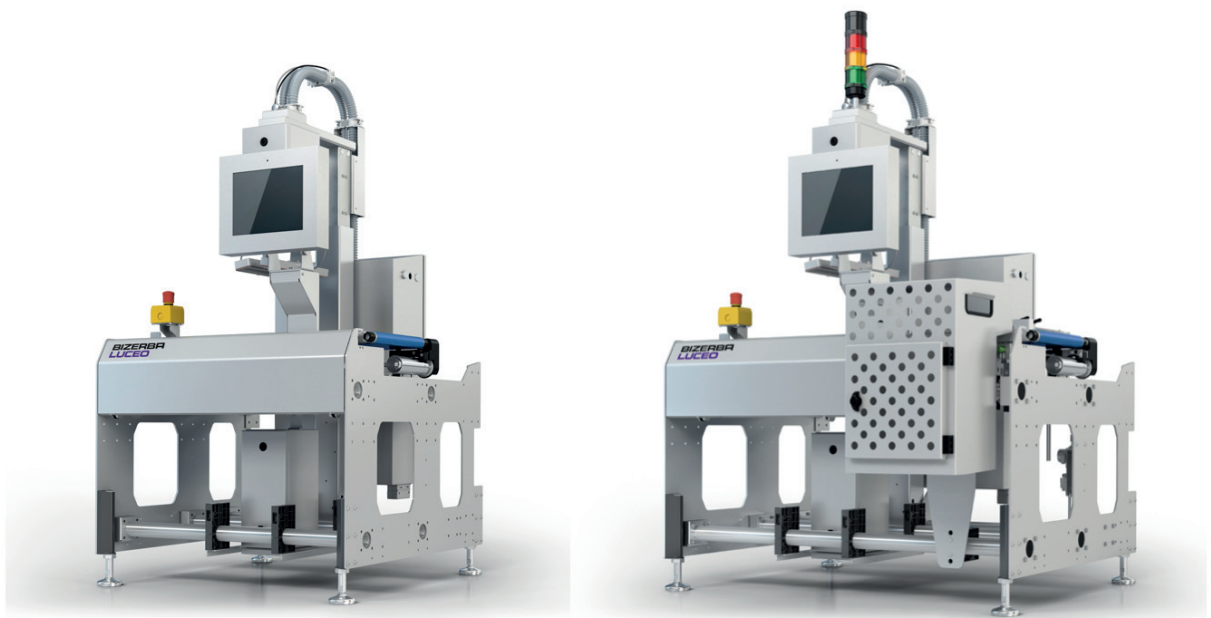


More information  
High performance  
with a wide range of  
solutions and options.

Specifications	Facts	Details
<b>Camera</b>	4,096 pixels Line frequency: 80 kHz Data transfer rate: up to 2.04 GBit/s Lens: 50 mm	Resolution pixel size up to 7.04 µm
<b>Device dimensions</b>	1,278 mm x 1,200 mm x 1,800 - 2,200 mm (L x W x H)	The highest point of the system at maximum extension of the camera head upwards is: 2,200 mm
<b>Protection type</b>	IP20 IP54	Camera housing Control cabinet
<b>Max. belt speed</b>	110 m/min	200 packs / minute max. 30 cm package length and 10 cm package distance
<b>Desktop board</b>	OS: Windows 7 Embedded Standard  Processor: Intel Core i7  Two onboard network cards  8 USB interfaces	82579 LM Gigabit Network  82574 L Gigabit Network  Two different networks can be accessed simultaneously via these two network cards
<b>Interfaces</b>	USB  ETHERNET	USB interface for easy data backup  Connection to customer home network via Ethernet interface possible (TCP/IP)
<b>I/O module</b>	8 digital inputs / 8 digital outputs 2 analog inputs 16 analog outputs IO expandable with CAN module	
<b>Temperature range</b>	-10°C to +40°C	
<b>Humidity</b>	Max. 85%, non-condensing	

Options	Facts	Details
<b>Signal combination</b>	Signal lamp Signal horn	Signal output (horn and lamp) indicates non-conforming packages
<b>Rejection control system</b>	Ejection countercheck Fill level check	Two light sensors ensure that non-conforming packages will be rejected and that the reject bin does not exceed the defined fill value. In case of a negative check the belt stops and must be restarted by acknowledging the error
<b>Emergency operation function</b>	Switch for manual activation of emergency operation function	Pure hardware option to be able to continue production in case of possible OS failures
<b>Belt transition</b>	Minimizes the opening for the inspection area	Minimizes the gap used by the camera to record images. Recommended for packages with lengths in conveying direction < 100 mm.

### Infographic



### Symbols



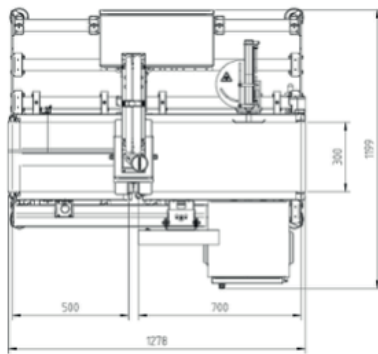
Protection class IP20



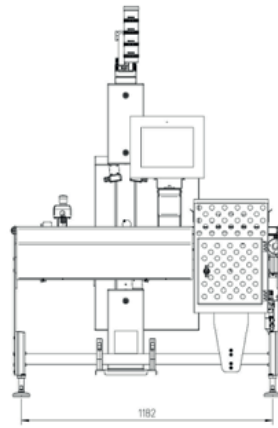
Protection class IP54

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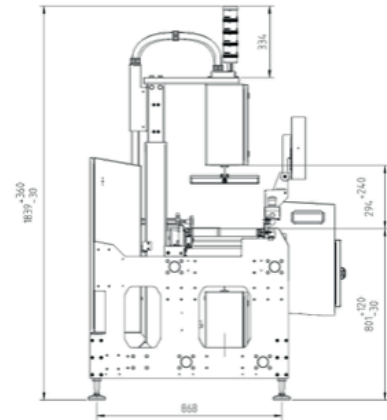
## Dimensions



Top view



Front view



Side view

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