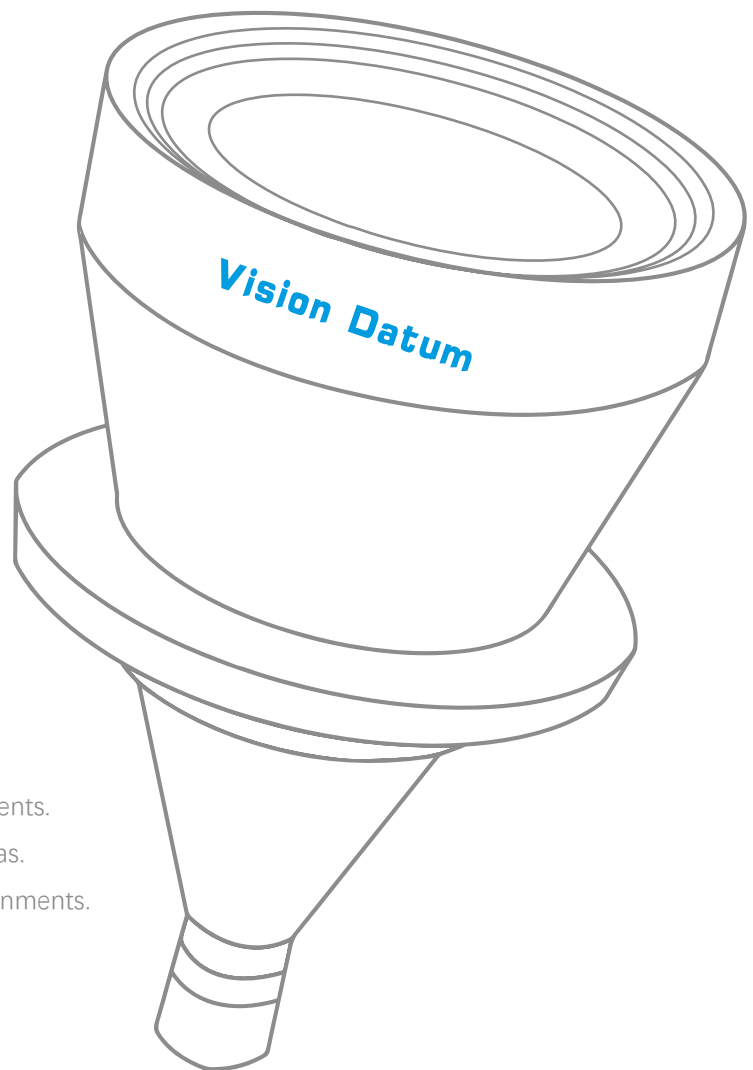




VT-BTLP SERIES



MAIN FEATURES

- ◆ **High telecentricity** for thick object imaging.
- ◆ **Nearly zero distortion** for accurate measurements.
- ◆ **Excellent resolution** for high resolution cameras.
- ◆ **Simple and robust design** for industrial environments.

ABOUT US

Hangzhou Vision Datum Technology Co.,Ltd. is a leading imaging technology company with 20+ years of expertise in machine vision, optical imaging, and intelligent data processing.

Our flagship telecentric lenses, together with 360° telecentric lenses and telecentric light sources, deliver distortion-free imaging and precise measurement, with stable illumination for advanced automation and inspection.

Beyond standard products, we provide customized optical solutions—including infrared, ultraviolet, and multispectral designs—to tackle the most demanding applications.

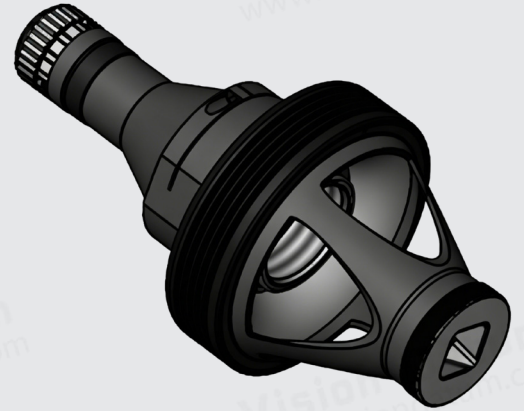
Today, Vision Datum telecentric technology powers leading-edge AI vision systems worldwide, enabling high-precision inspection, intelligent recognition, and reliable data acquisition. By combining world-class performance with optimized cost control, we help customers cut costs by 30–50% while achieving top-tier performance and efficiency.

VT-BTLP SERIES

VT-BTLP

PRODUCT FEATURE

1. Side testing for 1-10mm small parts;
2. All visual sides have the same optical magnification;
3. Various three-dimensional co-construction of multi-faceted imaging at one time greatly improve detection efficiency and reduce equipment costs;
4. Perfectly compatible with all industrial cameras on the market.



Model	VT-BTLP-V1-118	VT-BTLP-V1-120	VT-BTLP-V1-230	
Sensor Size	1/1.8"	1/2"	2/3"	
Optical Specifications	Wavelength range (nm)	400~680	400~600	400~600
	Working Distance (mm)	19-23	1.5-5	1.5-5
	MTF30	>190 lp/mm	>200 lp/mm	>135 lp/mm
	Best Aperture (F/#)	4.6	4.2	6.5
Mechanical Specifications	Diameter (mm)	123	123	123
	Length (mm)	239.4	238.3	256
	Mount	C	C	C
Electrical specs	Illuminator voltage (V.D.C)	24	24	24
	Illuminator Power (W)	18	18	18
Max object inspection height (mm)	M1.0	1.5	1.5	1.5
	M1.2	1.75	1.75	1.75
	M1.7	1.8	1.8	1.8
	M2.0	2.4	2.4	2.4
	M2.5	2.7	2.7	2.7
	MΦ3	4	4	4
	MΦ4	4.9	4.9	4.9
	MΦ5	5	5	5
	MΦ6	6	6	6
	MΦ8	5	5	5
MΦ10	4.5	4.5	4.5	

* Special note: The imaging device must be used with a telecentric lens on the object side, with its own lighting system, and the lens can be selected according to different inspection objects

VISION DATUM

Machine Vision Expert



Imaging Solutions
OEM/ODM



Hangzhou Vision Datum Technology Co., Ltd.
No. 8 Xiyuan 9th Road, West Lake District
Hangzhou Zhejiang 310030 China
Tel: 86-571-86888309
www.visiondatum.com



[Online Store](#)