

BV9600 Series

Desktop Barcode Verifier

BV9600 series is a high-performance desktop barcode verifier for off-line verification of barcode to ISO/IEC-15415, ISO/IEC-15416, ANSI, GS1 and UDI standards.

Built-in HEROJE's advanced algorithms makes it easy to use and capable of accurately verifying 1D linear and 2D codes in any angles within the reading range. With a 8.5 MP resolution CMOS sensor, provides a larger field of view for long codes or big size codes.

BV9600 series is capable of calculating an overall code rating based on several quality parameters, such as symbology contrast, modulation, fixed pattern damage, and grid non-uniformity, and automatically determines the symbology and aperture needed to evaluate the code and identifies and highlights trouble spots.

Results of the code will show whether conforms to the standards or not. The quality report not only can be used to demonstrate that code meets quality standards, but also helps pinpoint printing and process control issues.



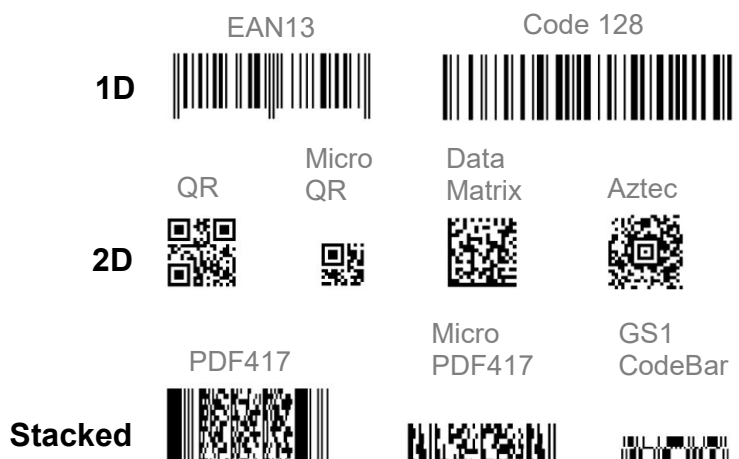
Ease of use and visual quality reporting software

BV9600 is designed with drive-free technology, and it's plug and play when connected to a PC. The visual code quality verification report is displayed in the HEROJE verification software at a glance. Innovative software that also shows you the quality squiggles of the code and a preview of the code image.

Available symbologies

The BV9600 series verifies 2D codes and reports all parameters as specified in the applicable symbology specification.

And inspect all nine ISO/ANSI parameters for 1D linear barcodes, have the ability to identify blemishes, and can perform simple human-readable validation.



TECHNICAL PARAMETERS

Model		BV9600-S	
Type		2D Type	
Light Receiver	Number of pixels	8.5 MP (3840*2160)	
	Sensor	CMOS Image Sensor	
Light emitter	Light Source	LED Light	
	Wavelength of Light	660 nm	
Analysis specifications	Supported symbols	1D codes	EAN13,EAN8,UPC-A,UPC-E, Code128,Code39,Code93,Code32,I25,D25,Code11,MIS,DataBar,CodaBar, Pharmacoce etc
		2D codes	QR, MicroQR, PDF417, MicroPDF417, DataMatrix, GS1 DataMatrix, GS1 QR, Aztec, etc
	Minimum resolution	1D codes	0.0762 mm
		2D codes	0.127 mm
	Verification Grade	A, B, C, D, F	
	ISO Standard	ISO/IEC-15415, ISO/IEC-15416, ISO/IEC 15426-1 and ISO/IEC 15426-2 standards	
	Analysis performed on 1D linear symbols	Full ISO/IEC 15416 parameter analysis, average bar gain, check digit validation, data length, nominal bar width (x-dimension), symbol structure, quiet zone validation, wide to narrow ratio.	
	Analysis performed on 2D symbols	Full ISO/IEC 15415 parameter analysis, Nominal bar width (x-dimension), average module gain.	
	Field of View	135 x 75mm (5.315" x 1.95")	
	Aperture Reference Numbers	Default aperture is 80% of X-dimension, adjustable the aperture size to comply with symbology specifications and relevant ISO/IEC standards.	
	Report	A report can be produced via the in-built report generator and saved in .pdf format, The report generator is customisable via scripts and templates so reports can be tailored to individual requirements.	
Image Save and Loading	Stores complete details of scan file data. Allows for remote diagnostics and also for increased traceability.		
Communication specifications	USB	Communication standard	USB 2.0 High Speed
		Requirements	PC running any currently supported version of Windows USB 2.0
Environment	Operating ambient temperature	-5°C to +65 °C	
	Ambient storage temperature	-20°C to +70°C	
	Operating ambient humidity	35%RH to 85% RH (No condensation)	
	Ambient storage humidity	35%RH to 85% RH (No condensation)	
	Ambient light	Sunlight: 10000 lux, Incandescent lamp: 6000 lux, Fluorescent lamp: 2000 lux	
	Operating environment	No dust or corrosive gas present	
Ratings	Power voltage	24V / 1.5A DC	
	Electric current consumption	Approx. 800 mA	
Dimension		230 x 180 x 231mm (9" x 7" x 9.09")	
Operating System		Microsoft Windows 7, 8 and 10	
Weight		2850 g (100.5 oz)	
Certifications		FCC Part 15 Subpart B Class B, CE EMC 2014/30/EU, Meets ISO/IEC 15415, ISO/IEC15416, ISO/IEC 15426-1 and ISO/IEC 15426-2 standards	

