

# H29100 SERIES

## Handheld Barcode Reader

H29100 series is a handheld barcode readers, specially designed for reading "hard to read" direct part mark (DPM) codes, equipped with advanced self-developed decoding algorithms and optics, provide higher accuracy decoding ability, can read (DPM) codes in max size 2mmx2mm. Have high reading rate of (DPM) codes on different metal surfaces, such as texture, curved, casting or high reflection surfaces.

### Optimal Lighting Source

H29100 series handheld barcode readers are equipped with a unique soft red light source and a green square aiming spot, make it can work normally in the dark environment, making the work more efficient.



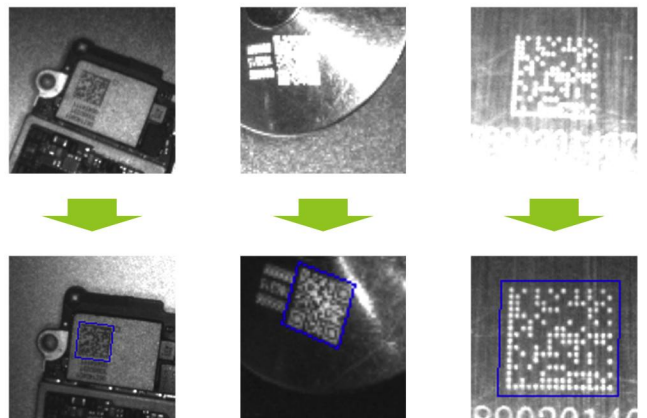
### Unique Design

H29100 series handheld barcode reader is designed according to artificial mechanics, which makes reader difficult to slip and fatigue in a long grip. The rough surface design can effectively prevent general scratches, and the front end used TPU plastic to resist 50 drops from 1.5 meters, and can be used in the general manufacturing environments.



### Read Various "Hard to Read" Codes

H29100 series handheld barcode reader equipped with unique optics and decoding algorithms, provide the best reading rate of various of "hard to read" direct part mark (DPM) codes, such as distorted DPM codes on curved surface, DPM codes on the cutting surface and DPM codes on uneven surface.



### DPM Technology

The generation of DMP codes is called marking. Marking means that directly machine printing, cast or etch the symbol on the part, and uses a process that meets the requirements of the manufacturer, supplier or regulations to directly mark the "permanent" symbol on the item or part. There are four methods: Laser, Machine Impact, Inkjet Printing and Chemical Etching.

# TECHNICAL PARAMETERS

Model	H29100-S-SR	H29100-S-GHD
Type	Standard Type	Small-size Code Type
1D & Stacked Codes	▲	
2D Codes	▲	
DPM Codes	▲	
High Density Codes	▲	
Ultra Small Codes	5 mil (0.127mm)	3 mil (0.08mm)
Symbologies	1D: UPC/EAN/JAN; Codabar, Interleaved 2 of 5, Code 39, Code 128, Code 93, GS1 Databar 2D: PDF417, Data Matrix, QR, MicroQR	
Image Resolution	1280*800 (1.0MP)	
Depth of Field	20-200mm	10-100mm
Image Sensor	CMOS global shutter sensor	
Lighting	Direct Light	
Light Source	Red LED reading light (8-LEDs)	
Aiming	Green-spot	
Min Contrast	≥15%	
Communication	USB / RS232 (Option)	
Material	ABS and TPU	
Weight	290 g	
Dimensions	171.1 mm (L) 66.7 mm (W) 96 mm (H)	
Operating Temperature	-5°C ~ 65°C	
Storage Temperature	-20°C ~ 70°C	
Operating Humidity	5% ~ 95% (non-condensing)	
Storage Humidity	5% ~ 95% (non-condensing)	
Protection	IP54	
Certifications	FCC Part 15 Subpart B Class B, CE EMC 2014/30/EU, RoHS 2011/65/EU	
Operating System	Microsoft Windows XP, 7 and 10	

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