

AI industrial wired scanning gun

HS505HDP

HS 505 HDP is an AI industrial cable with strong DPM decoding capability

Scan gun. It uses a faster dual-core processor and a smarter A recognition

The algorithm provides a more accurate and efficient decoding experience. Facing the DPM in manufacturing

Distortion, curvature, dot etching, blur, defect and low contrast in reading code

Difficult problems can be easily read.

HS 505 HDP is equipped with Dongjis new second-generation AI algorithm technology

The previous generation HS 305 HDP series supports faster decoding speed and more

Decoding Angle and larger decoding range. And through the logarithm of tens of thousands of electrons

The industry barcode sample learning focuses on optimizing the components of mobile phones and digital products

There are precision engraved QR codes, low contrast QR codes, and worn and damaged two-dimensional codes.

The decoding capability of the code is particularly suitable for applications in electronic manufacturing service factories, ok

Effectively improve the efficiency of code scanning, and help enterprises to improve production efficiency

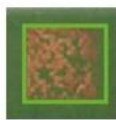


Excellent read-ability, stronger performance

■ Good at reading difficult barcodes with poor engraving quality



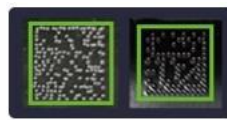
QR code worn on



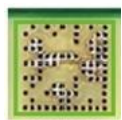
A 镭雕码对比度不均匀.



FPC surface



The engraved code on the safety pin of low contrast QR code



PCB



DPM code is carved



Black resin surface reflective and uneven laser engraved code



Low contrast QR code

■ Barcode in electronics industry is specially optimized and the identification capability is upgraded



Application scenario: manufacturing industry

Lithium battery scenario/ auto parts scenario/ 3 C electronics scenario/
photovoltaic scenario/ home appliance assembly scenario



HS505 HDP performance, physical and environmental parameters

imaging sensor	CMOS sensor with global shutter	
Lens classification	1280x1080DPM lens	
Lighting source	Intelligent adjustable diffuse	
sight	light source: red, white and blue	
frame rate	laser cross band aiming frame	
Readable barcode type	Up to 60 frames per second	
	1D: Code39, Code128, Code93, Codabar, UPC/EAN, 12of5, GS1128, etc. 2D: PDF417, MicroPDF417, Aztec, Data Matrix, QR code, Micro QR, etc. OCR (custom support available)	
Read direction	The elevation Angle is $\pm 60^{\circ}$; the slope Angle is $\pm 55^{\circ}$	
Recognition accuracy		
Read the depth of field (typical value)	One-dimensional code: 2 mil, QR code: 3 mil	depth of field
	Barcode density	0cm~6cm
	2mil Code128	0cm~9.1cm0
	5mil Code128	cm~13.3cm1
	10mil Code128	cm~9.1cm0c
communication interface	EAN 13	m~6cm
	3milDM/QR	0cm~9.1cm
size	10milDM/QR2	0~17.1cm
weight	0mil DM/QR	
working temperature	RS232, USB keyboard, USB COM	
storage temperature	177.08*85.65*68.5mm	
Working humidity	162g \pm 3g	
levels of protection	0℃ to 50℃	
Lighting levels	-20℃ to 70℃	
Drop down the ladder	5%to 95%RH no	
Rolling specifications	condensation state	
sheathing material	IP54	
Electrostatic discharge (ESD)	0 to 100,000 Lux	
	Can withstand 50 times	

attestation

of 1.8m aerial fall and
2000 times of 0.5m
rolling impact with high
strength engineering
plastics

± 15KV air discharge, ±
8kV direct discharge CE,
FCC, RoHS
