HGRT
HGS 9120

The HGS9120 is an Omni Directional 2D Scanner which is capable of reading all the 2D & 1D barcodes. It has Newland Decoder CPU that gives fast scanning performance. In addition, it also has good depth of field.

Scan mode	Automatic
Photo sensor	752×480 CMOS
Light source	White LED
Reading accuracy	≥5 mil
Bit error rate	1/5 million
Depth of field	EAN-13　0cm—20cm　13mil
	PDF 417　0cm-7cm　6.67mil
	Code 39　0cm-12cm　5mil
	Data Matrix　0cm-4cm　10mil
	QR Code　0cm-10cm　15mil
Scanning angle	Tilt : ±50° @0°Roll and 0° Skew
	Rotate : ±360°@ 0°Pitch and 0° Skew
	Deflection : ±60° @ 0°Roll and 0° Pitch
Field of View	36°H x 23°V
Printing contrast	≥ 30%
Interfaces supported	USB
Symbology	2D:PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050,080, 100, 140)
	1D:Code128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN, UPC-E,UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Matrix 2 of 5,Industrial 25,Standard 25, Code 39, Coda bar, Code 93, Code 11,Plessey, MSI-Plessey,GS1-DataBar (RSS), (RSS-14, RSS- Limited, RSS-Expand)
Operating Environment	
Voltage	DC +5V±5%
Working current	240mA
Stand-by current	190mA
Operating temperature	-20℃~+50℃ (-4°F~122°F)
Storage temperature	-40℃~+80℃ (-40°F~176°F)
Operating humidity	5%-95%(No condensation)
ESD	±14 kV　Air discharge, ±8 kV　Direct discharge
Drop test	1.2m to concrete (once on each of 6 surfaces)
IP Grade	IP 52
Ambient Light Immunity	0 - 100000 Lux　Sunlight