HGS 2020 BTW
2D Wireless CMOS Scanner

HGRT

FEATURES

- **2D Wireless Scanner with 2.4GHZFrequency**

- **30m distance (100mt optional)**

- **IP54 Design**

- **Reads barcodes from Screen**

- **Reads Color Barcodes**

- **2000mA Lithium-ion battery**

- **Supports Windows, Android and Linux**

Specifications

RADIO/RANGE	2.4 G HZ,Class 2
DATA RATE (TRANSMISSION RATE)	2 Mbit/s
BATTERY	2000 mAh Li-ion
NUMBER OF SCANS	scans per charge
EXPECTED HOURS OF OPERATION	10 hours
EXPECTED CHARGE TIME	3 hours

MECHANICAL/ELECTRICAL

	SCANNER	BASE
DIMENSIONS (LXWXH)	180 mm x 70 mm x 80 mm	125mm x 125 mm x 50 mm
WEIGHT	180g	150g
OPERATING POWER (CHARGING)	N/A	DC 5V
NON-CHARGING POWER	N/A	
HOST SYSTEM INTERFACES	USB	

OPERATING TEMPERATURE	-10°C to 50°C (14°F to 122°F)	0°C to 50°C (32°F to 122°F)
STORAGE TEMPERATURE	-40°C to 70°C (-40°F to 158°F)	-40°C to 60°C (-40°F to 140°F)
HUMIDITY	0% to 95% relative humidity, non-condensing	0% to 95% relative humidity, non-condensing
DROP	Designed to withstand 2.0 m drops	Designed to withstand 1.0 m drops
ENVIRONMENTAL SEALING	IP54	Sealed to resist airborne particulate contaminants
LIGHT LEVELS	100,000 Lux	

SCAN PERFORMANCE

CMOS	640 X 480
SCAN SPEED	270 scans per second
MOTION TOLERANCE	5 cm/s (2 in/s) with 13 mil UPC at optimal focus
SCAN ANGLE	Horizontal: 60°
PRINT CONTRAST	20% minimum reflectance difference
PITCH, SKEW	45°, 45°
DECODE	.ALL 1D, ALL 2D
WARRANTY	13 months

Typical Performance*

Narrow Width13Depth of Field

mil	
100% UPC	30 mm - 205 mm
20 mil CODE39	30 mm - 309 mm
10 mil PDF417	50 mm - 180mm
3mil	NC

*Resolution: 5 mil
*Performance may be impacted by bar code
 quality and environmental conditions