

# HGRT

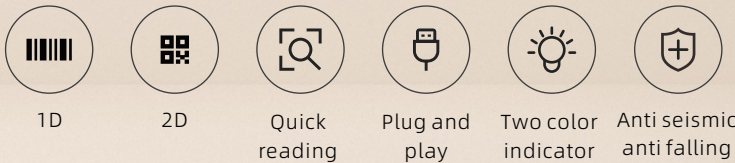
## 2D DESKTOP BARCODE SCANNER

### HGRT HGS 3030D

Own technology, the firmware can be upgraded online.  
Can read screen bar codes such as mobile phones and computers.  
USB and RS232 interface, can automatically match device, plug and play.  
Unique shape design, rotatable base to meet many scanning applications.  
Using the most advanced decoding algorithm, can decode most 1D and 2D.  
Blue and red LED indicator, double buzzer to adapt to various noisy environments.

#### APPLICATION

Small chain supermarkets, convenience stores, franchised stores, payment, medical and health care, etc.



### HGRT HGS 3030D TECHNICAL SPECIFICATION

**OS**  
Windows  
iOS / Android

**FPS**  
Frame Rate  
60fps/s

**Scan Angle**  
Left and right: ±60°  
Front and rear: ±65°  
Rotate: 360°

**Cable**  
Standard 1.8M straight

**Image Sensor**  
CMOS (Global exposure)

**Image (Pixels)**  
1280(H)\*800 (V) pixels

**Print Contrast**  
More than 25%

**Transmission Mode**  
Wired Transmission

**Power parameter**  
Input Voltage: 5VDC±5%  
Working current: 250mA  
(Typical value)

**Safety regulations**  
CE (EN 55032:2015;  
EN 55035:2017), ROHS, BIS,  
EN62368-1:2014+A11:2017  
FCC PART 15 CLASS B

**light source**  
Lighting: warm led3500k

**Visual Indicator**  
Red and Blue LED Light,  
Buzzer

**Dimension L x W x H**  
105\*103\*162 (mm)

**Environmental parameters**  
Operating Temperature: -20°C--+60°C  
Working Humidity: 5% to 95% relative humidity, non-condensing  
Storage Temperature: -40°C--+70°C  
Electrostatic protection: ±8 kV (Direct discharge)  
Ambient brightness: 0~100,000Lux  
Drop Resistance: 2M IP: IP52

**Motion tolerance**  
Max: 2m/s

**Interfaces**  
USB keyboard,  
USB virtual serial port,  
RS-232

**Weight**  
360g (with cable)

**Firmware Update**  
Computer online upgrade

**Scan distance**  
0-200mm @ UPC/EAN 13mil PCS=90%;  
0-150mm @ QR 20mil PCS=100%

**Decoding Capability**  
1D: UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 & EAN 128, Code 93, Interleaved 2 of 5 (ITF), Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code, Code 32 (Italian Pharmacode), RSS-14, RSS-Limited, RSS-Expand, etc.  
2D: QR Code, Data Matrix, PDF417, Aztec, Maxicode, GS1 DataBar stack etc.