



## HGS 2020 CTP

### Long Range Wireless CCD Scanner

The HGS 2020 CTP is Rugged Wireless Barcode Scanner with Memory. The HGS 2020 CTP has a memory capacity of 8Mb and Operating Frequency is 433 MHz that can transfer the data up from 100-400mts. Powered by 1200MAh battery, the HGS 2020 CTP can work for 6-8 straight hours when fully charged and also has a standby time of 1 month.

#### Features:

- Long Range CCD Scanning Engine
- Rugged Industrial Grade Housing
- Best in Class CCD Sensor
- Scanning Speed up to 300 Scans per second
- Operable Frequency : 433Mhz
- Communication Distance up to 400mts
- Supports all ID Barcode Types
- Reads Barcodes from LCD Screen / Smartphones
- Micro USB Interface for Charging



#### Specifications:

|                         |  |
|-------------------------|--|
| Light Source Type       | Long Range CCD Sensor                      |
| Memory Capacity         | 8Mb – Up to 40K Barcodes                   |
| Wireless Range          | Up to 500mt Open Area                      |
| Wireless Frequency      | 433Mhz                                     |
| Scanning Mode           | Single-line scanning                       |
| Scanning Speed          | 300times /sec                              |
| Scan Precision          | ≥ 4mil                                     |
| Printing Contrast Ratio | The lowest reflectivity difference is 30%. |
| Bit Error Rate          | 1/50 million                               |

|                                    |   |
|------------------------------------|---|
| Environment Luminance              | Sunlight 5.000Lux max   |
| Depth of field                     | 10-650 mm   |
| Scanning Angle                     | ±65°±42° (Left and right, front and back, rotation)                                       |
| Decoding capacity                  | UPC/EAN/JAN, UPC/EAN with Supplemental, UCC/EAN 128, Code 39, MSI,                        |
|                                    | Code11, Code 39 Full ASCII, Code 39 Tri Optic, Code 128, Code 128Full ASCII,              |
|                                    | Coda bar, Code93, Discrete2of5, IATA, RSS variants, Coda bar, Chinese2of5,                |
|                                    | International general dimensional barcodes, e.g. Inteleaved2/5, Interleaved2of5 and China |
| <b>Electrical parameter</b>        |   |
| Input voltage                      | 5VDC±0.25V  |
| Power                              | 250mW (Work): 500mW (momentary maximum)   |
| Current                            | 50mA (Work): 100mA (momentary maximum)  |
| Standby Current                    | 45uA  |
| Prompt Mode                        | Buzzer and LED indicator  |
| <b>Physical parameter</b>          |   |
| Drop Test                          | 100times/2m to concrete   |
| Weight                             | 250g(excluding cables)  |
| Cable standard                     | 1.2mt on concrete surface   |
| Interface type                     | Micro USB   |
| Outside material                   | ABS+PC  |
| <b>Environment parameter</b>       |   |
| Temperature                        | 0°C to 50°C(work): -40°C to 60°C(storage)   |
| <a href="#">Safety regulations</a> | Laser safety class: EN60825-1, Class 1, state level-I laser safety standard               |
|                                    | EMC: EN55022,EN55024  |
|                                    | <a href="#">Electrical safety: EN60950-1</a>  |
|                                    | Packaging level: IP42   |
|                                    | Anti-seismic capacity: This product can still work properly after falling down and being  |

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