



iSAPScan eCard Scanner

PRODUCT SPECIFICATION 1.0



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1. iSAPScan eCard Scanner Performance, Physical and Environmental Parameters

| | |
|--|---|
| Interface | TYPE-C |
| Keys | 2 scanning buttons, 1 power button, 1 million times life |
| Power Supply | Non-detachable 700mah lithium-ion rechargeable battery, 500 cycles, capacity more than 80%. The power value can be transmitted to the host through Bluetooth. |
| Speaker | Built in speaker, 8Ω 1W * 1, (only support scan prompt sound), can be turned on or off through Bluetooth control |
| Vibrating motor | Yes, it can be turned on or off by Bluetooth control |
| Indicator light | <p>Two dual color lights:</p> <ol style="list-style-type: none"> 1. Red and green dual color lights, when charging, the red light will be on, when charging is completed, the green light will be on, and the red light will flash when the power is less than 20%; 2. Red and blue dual color lights, scanning is successful, and the red light will flash once. The blue light is the Bluetooth status indicator, the Bluetooth connection is normal, and the blue light flashes. Bluetooth no connection, blue light off. |
| Size | 100 * 61 * 8.7mm (8.7mm thick at the highest part of the scanning bulge), and the rest 6.6mm thick |
| Auto scan | Support (automatic light output scanning when pulling out) |
| Weight (including standard battery) | 55g |
| Working temperature | -20°C to +60°C |
| Storage temperature | -30°C to +70°C |
| Humidity | 5% to 95% RH, Non-condensation state |
| Waterproof and dustproof industrial grade | IP67 |
| Drop Level | 1.2m Falls on Marble, 5 rounds on 6 sides, 30 times |
| Electrostatic discharge (ESD) | Air discharge of ±15kV and direct discharge of ±8Kv |

2. iSAPScan eCard Scanner Data Acquisition Function Parameters

| Function | Scan (scan parameters can be configured via Bluetooth) |
|-----------------------------|---|
| Pixel size | 1280*800 |
| Angle of field of view | 57° horizontally and 44° vertically |
| Lighting | Warm white LED |
| Aim | Cruciform laser, 650nm, class2 |
| Type of identification code | QR Code: including but not limited to QR code, PDF417, micro PDF417, micro QR, DataMatrix, Aztec, maxicode, etc. One dimensional code: including but not limited to code 128, EAN13, ean8, upca, upce, code 39, code 93, Codabar, standard 25, matrix 25, etc. |
| Roll/Pitch/Yaw | 360° /±60°/±55° |
| Sign contrast | ≥25 % |
| Depth of field | Wider than 60mm to 400mm |
| Resolution | 5 Mil |

3. iSAPScan eCard Scanner Function Parameters of Wireless Data Communication

| Function | Bluetooth |
|----------|---|
| Standard | Bluetooth 5.0, single mode, support BLE |
| Distance | More than 20 meters |