



# MODEL D600 DURASCAN<sup>®</sup>

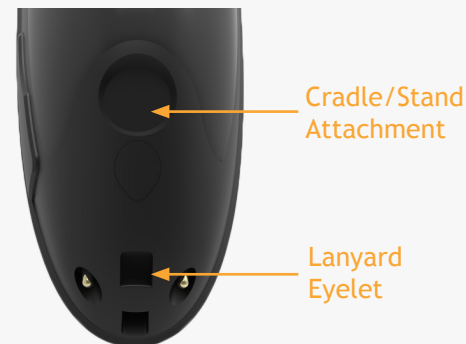
## Ergonomic, Elegant and Rugged

Built for harsh environments in warehouse, distribution and industrial manufacturing. Stylish enough to be showcased in boutique retail environments.

The DuraScan<sup>®</sup> Model D600 Contactless Reader/Writer features great ergonomics fitting perfectly in your hand for comfortable and extended use. Light and small enough to fit in your pocket.

Designed for mobility, scanning up to 330 ft (100 m) with Bluetooth<sup>®</sup> wireless technology.

Made for iOS, Android, or Windows<sup>®</sup> devices with Bluetooth LE.



## Features

- **Reading** - Fast NFC & RFID Reader (HF tags, labels, smart devices).
- **Writing** - Write/Encode, lock, unlock tags and communicate peer-to-peer with smart devices.
- **Exceptional Reading Ability** - reads small tags, hard-to-reach tags, tags surrounded by metal or water.
- **Exceptional Ergonomics** - Small, light and fits perfectly in the hand (with or without gloves on) for comfortable use over extended periods of time.
- **Long Lasting Battery** - Power to last for two 8-hour shifts.
- **User Feedback** - Intuitive LED indicators and melodies let users monitor battery, Bluetooth connection and scanning status at a glance.
- **Rugged Design** - Protection rating of IP54 for dust and water splashing protection. Withstands multiple drops to concrete and repeated tumbles.
- **Protective Material** - Made with antimicrobial additives to help protect against harmful bacteria.
- **Basic Mode (default)** - No software installation required when using the NFC/RFID Reader & Writer in Bluetooth HID mode.
- **Application Mode** - Improves business productivity with faster, efficient and reliable data transfer, leveraging functionality by integrating Socket Mobile's SDK in your app.
- **Wireless (Bluetooth)** - Reading for iOS, Android and Windows mobile devices with long-range Bluetooth connection of 330 feet (100m). Uses Bluetooth low energy 4.2 with Privacy and Security Enhancements.
- **Wearable** - Includes lanyard/ belt clip for convenient access wherever you go.
- **Designed and made in the USA**

HF RFID Tags Supported:	ISO15693: ICode SL2, LRI512, my-d, Tag-It HF-I Proprietary: ICode SL1, PicoTag (no anti-collision), Tag-It HF ISO/IEC 14443 A and B compliant tags with all variants (Mifare, Sony FeliCA) Compliant with EPC GEN 2 HF and ISO 18000-3 mode 3 ThinFilm: NFC Barcodes NFC: NFCIP-1, ISO/IEC 18092) in 2 modes: reader and peer-to-peer, initiator, passive
Maximum RFID Read Range:	0.4" - 2" (10 - 50 mm)

## RFID READER TYPE

NFC/RFID front-end:	NXP CLRC663
Carrier frequency:	13.56 MHz (RFID HF, NFC)
Read/Write Speed:	264 kbps (ISO 15693), 1064kbps (ISO 14443, 212/424kbps (ISO 18092)
Antenna:	Integrated, 28mm x 14mm, balanced

## BATTERY

Battery:	1400 mAh Lithium - Ion Battery
Charge Time:	6 Hours
Battery Life - Per Full Charge:	Standby time: over 30 hours Active Scan Time: 70,000 scans within 9 hours (based on 2 scans every 1 second) or 14,000 scans within 16 hours (calculation based on 1 scan every 4 seconds) <i>Note: Battery life varies depending on ambient temperature, read attempts, and age of battery.</i>

## BLUETOOTH (WIRELESS CONNECTION)

Bluetooth Radio:	Bluetooth Low Energy, version 4.2
Bluetooth Range:	Up to 100 m (330 ft.) depending on environment, range limit is usually due to the Host Device (phone, tablet or notebook)
Bluetooth Connection:	Basic Mode - HID (Human Interface Device) Keyboard Emulation. Application Mode - RDR (RFID Reader only) and PC/SC (for Read & Write) enabled by the SDK. <i>*Basic Mode is the Factory Reset (default) Bluetooth connection.</i>

## PHYSICAL CHARACTERISTICS

Dimensions:	5.2 (L) x 1.5 (W) x 1.6 (H) in (132.2x 37.1 x 40.1 mm)
Weight/Mass:	3.8 oz. (108g)
LEDs:	Read LED: Green, Yellow, Red and Orange Bluetooth LED: Blue Battery LED: Green, Yellow and Red
Buttons:	Trigger Button: Read & Write Power Button: On/Off (eject on-screen keyboard)
Power Connector:	EIAJ-02 DC-in Power Connector

## USER ENVIRONMENT

Operating Temperature:	-20° to 50° C (-4° to 122° F)
Storage Temperature:	-40° to 70° C (-40° to 158° F)
Relative Humidity:	95% at 60° C (140° F) (non-condensing)
Sealing:	IP54 (Ingress Protection rating for dust and water) EN60529
Drop Specifications:	Multiple 5 ft. drops to concrete
Tumble Specification:	250 cycles at 1.64 ft. (0.5 m) (500 drops), IEC60068-2-31, IEC60068-2-32

Android OS - Basic Mode (HID) & Application Mode (RDR and PC/SC)\*

Windows 10, 8, and 7 - Basic Mode (HID Keyboard Emulation)\*

Apple iOS - Basic Mode (HID Keyboard Emulation) & Application Mode (RDR and PC/SC)\*

Mac OS - Basic Mode (HID Keyboard Emulation)\*

\*Basic Mode is the Factory Reset (default) Bluetooth profile.

Made for iOS, Android, or Windows devices with Bluetooth LE.

## iOS



## OS X

## CERTIFICATION & REGULATORY

Bluetooth SIG: Design ID: 83178

Electrical Safety: Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2

Environmental: Environmental: RoHS EN 50581

EMI / RFI: FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC  
 FCC ID: LUBD600  
 IC ID: 2529A-D600  
 Contains: FCC ID: QQQBGM111; IC: 5123A-BGM111



## WARRANTY

Reader: Standard one year limited warranty

Accessories: 90 days

Extended Warranty: [www.socketmobile.com/socketcare](http://www.socketmobile.com/socketcare)  
 (sold separately)



## COMMON USES

Retail/Point of Sale

Warehouse management

Office use

Shipping & Receiving

Healthcare

Field Sales/Service

Mobile Tracking

## SKU# CX3384-1777 - SINGLE PACKAGE INCLUDES

(1) DuraScan D600 - Black  
 NFC/RFID Reader



(1) USB to DC Plug Charging Cable



(1) Durable Lanyard



Charging Stand

SKU# AC4076-1538



\*These accessories are also compatible with Series 7 Scanners

Charging Cradle

SKU# AC4102-1695



AC Power Supplies



sales@socketmobile.com

UK/Ireland/South Africa: +44 7787 112109

France: +33 970 462 241

Japan: +8190 9808 0518

Toll-Free: +1 800 552 3300 (USA/Canada)

Switzerland: +41 62 834 07 80

Germany: +49 9401 5299 052

EMEA & Russia: +41 62 834 0780

Asia Pacific: +1 510 933 3122

Latin America: +1 510 933 3153