socket® mobile

Loyalty card # 5109333000

DURASCAN® D600

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® 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® wireless technology.

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

Battery Status LED

Read Indicator LED

Bluetooth LED: Blue

Trigger Button

Made with Antimicrobial Material

On/Off Button

Cradle/Stand Attachment

Lanyard Eyelet

*Write operations require software tools available from Socket Mobile. Please contact support@socketmobile.com for more information.

Features

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

- **Meets Accessory Design Guidelines for by Apple devices (Release R5) – Guaranteed Compatibility** - With our SDK integrated in over 700+ applications, Socket Mobile scanners are one of the most natively integrated scanners available today. Socket Mobile Scanners are also 100% compatible with any application out-of-the-box in HID (keyboard emulation) mode.

- **Compatible with all Android (v4.4 or later) and Windows (7/8/10) devices that support Bluetooth Low Energy and applications**

- **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 up to 16 hours.

- **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.

- **HID Mode (default)** - No software installation required when using the NFC/RFID Reader & Writer in Bluetooth HID mode.

- **Application Integration** – Socket Mobile's Capture SDK enables easy integration in your applications to improve business productivity with fast, efficient and reliable data transfer over Bluetooth wireless technology.

- **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 assembled in the USA**

- **Developer Support Available**

- **1-Year Warranty**

READING PERFORMANCE

HF RFID Tags Supported:	ISO15693: ICode SL2, LRI512, my-d, Tag-It HF-I Proprietary: ICode SLI, 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
Write Mode	Write mode is supported using the PCSC protocol over BLE. Compatibility is subject to the card type, content and authentication level. Please, contact Socket Mobile at support@socketmobile.com to discuss your requirements.
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:	26 kbps (ISO 15693), 106kbps (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: 30 hours Active Operation: 70,000 reads
Note:	*Battery life varies depending on ambient temperature, read attempts, and age of battery.*

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

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

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

OPERATING SYSTEM SUPPORT

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   **Android**   **Windows**   **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: QOQBGM111; IC: 5123A-BGM111

FC   **CE**   (Australia RCM)   **Industry Canada**   (TÜV Rheinland)   **Bluetooth**   **WEEE**   **RoHS**   (TELEC)

WARRANTY

Reader:	Standard one year limited warranty
Accessories:	90 days
Extended Warranty: (sold separately)	www.socketmobile.com/socketcare

SocketCare EXTENDED WARRANTY

COMMON USES

Retail/Point of Sale	Warehouse management
Office use	Shipping & Receiving
Healthcare	Field Sales/Service
Mobile Tracking	

(1) DuraScan D600, Contactless Reader/Writer, Black
    SKU# CX3384-1777
(1) USB to DC Plug Charging Cable
(1) Lanyard, Black

Charging Stand
SKU# AC4076-1538

Great for using AutoScan Mode

Charging Dock
SKU# AC4133-1871

Ideal as a desktop charger

Durable Retractable Clip
AC4130-1828

Provides quick access to scanner

Holster
AC4131-1829

Safe and accessible placement

Lanyard - Black
AC4100-1692

Great for hanging around your neck

Scanner & Phone Holder

Nice one-handed option