



Dataman Barcode Systems

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D-Tech Scanner Array

Prices valid April - June 2024



DB-6000 Laser/6080 CCD
\$121.00 incl GST



S6 (B) Hands Free Stand
Suit DB-6000 & 6080 \$33.00



DB-6210 1D/2D Incl Stand
\$176.00 incl GST



DB-9610 1D/2D
\$198.00 incl GST



DB-W614 BT 2.4Ghz 1D/2D
\$297.00 incl GST



DB-8014 BT 2.4Ghz 1D/2D
\$352.00 incl GST



DB-5013 1D/2D Wireless
DB-6213 1D/2D Wireless
\$275.00 / \$308.00 incl GST



DB-6083 1D Wireless
DB-6223 1D/2D Wireless
\$352.00 / \$396.00 incl GST



DB-JY500 1D/2D
Colour Blue or White
\$ 231.00 incl GST



DB-S214 BT 2.4Ghz
1D/2D \$418.00 incl GST



WST-9760-BTU 2.4Ghz
1D/2D \$649.00 incl GST



DB-6510 1D/2D
\$253.00 incl GST

Which Bar Code Reader best suits your needs?

Let's see if we can help.

Important:- If the requirements are to selectively scan bar codes from within closely grouped lists or columns of bar codes a bar code reader best suited for this task should be used. The D-Tech models **DB-6080; DB-9610 & DB-6213** portable are the most suitable for this work. *Always use the right tool for the job.*

For general library use, bar code readers usually fall into two categories:-

- a) Basic loans and returns for the circulation desk. *Also see D-Tech DB-6510.*
- b) Ability to be used for stocktaking in real time mode or batch collection mode.
- c) Both of the above.

A bar code reader that belongs in category (a) should be robust but does not need to be expensive or portable. In many cases a bar code reader that connects directly to the computer with a USB cable is adequate.

Very good choice:- D-Tech 1D & 2D model DB-6210 at **\$176.00** incl GST.



DB-6210

The scanner is shown seated in the supplied "Hands Free Stand", if required it can be easily lifted out and used independent of the stand.

The model DB-6210 incorporates an IR **auto trigger feature** which the operator can selectively choose to use. The ability to read bar codes without the need to depress the trigger is especially good news for those users who suffer from "**Carpal Tunnel Syndrome**",

The auto trigger feature functions whether the scanner is used **in or out of the stand**, this can also be young student friendly.

"Hands Free" sometimes referred to as "Presentation Mode" means that the DB-6210 can remain in the stand and automatically read the bar code presented to it.

Can the DB-6210 read **QR code** ?? Answer:- **YES**

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Also rapidly gaining popularity are the entry-level category (a) DB-6000 Laser & DB-6080 CCD corded USB scanners at **\$121.00** incl GST.



D-Tech DB-6000
D-Tech DB-6080

The D-Tech DB-60**'s are rapidly becoming favorites among school libraries, they are tough, easy to use, and can be configured to read bar codes without depressing the trigger if desired.

The model 60**'s are 1D only readers, they emit a red scanning beam that is ideal for targeting conventional 1D bar codes used in most libraries.

If the need is to selectively read bar codes printed close together the DB-6080 is recommended.

Hands Free stand to suit **\$33.00** Incl GST

Wireless Stocktaking & General Circulation desk use:-

A portable bar code reader for general use including stocktaking should be rugged and portable, it doesn't have to be overly expensive or difficult to use.

Good choice:- D-Tech model DB-6083 at **\$352.00** incl GST (1D CCD Version)

Best choice:- D-Tech model DB-6223 at **\$396.00** incl GST (1D - 2D Version)

DB-6083/6223



The DB-6083 and DB-6223 are wireless memory scanners that come with a **stable** battery-charging cradle. The cradle is connected to the computer with a USB cable, which is all that is required. No software setups are needed, simply connect and go. Optional use operator selectable **auto trigger feature**. Can be used for both category (b) and (c).

With their wireless range of up to 80M or greater, stocktaking with the DB-6**3's can be undertaken in real time or in batch data collection mode where the absolute wireless range no longer becomes a concern.

When not in use the battery charge is maintained by always parking the scanner in the cradle. If the associated computer is turned off continuous charging isn't necessary an external-charging source is not required.

Can the DB-6223 read 2D bar codes like the **QR code** ?? Answer:- **YES**

Can the DB-6083 & 6223 be used for library stocktaking ?? Answer:- **YES**

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Two other portable bar code readers that fall into category (b) & (c), each able to do stocktaking in real time or in batch mode and still be cost effective are:-

D-Tech 1D/2D model DB-5013 at **\$275.00** incl GST (Full Wireless Range)

D-Tech 1D/2D model DB-6213 at **\$308.00** incl GST (Full Wireless Range)

Desktop stand for parking to suit **\$33.00** Incl GST

DB-5013 / DB-6213



The D-Tech models DB-5013 and DB-6213 are both portable wireless readers. The major difference between them is the operational speed and resolution whereby the older and lower cost model DB-5013 is mainly offered as a cable free alternative to free the work desk of cable clutter.

The DB-5013 and DB-6213 (1D/2D auto trigger capable version) have a good wireless range and a larger memory capacity to retain more data when stocktaking in batch collection mode.

Installation is as easy as fitting the **supplied** D-Tech USB wireless transponder to the host computer's USB port and letting the MS Windows plug & play feature accommodate for the new device automatically.

All portable scanners have batteries, the models DB-5013 and DB-6213 are no exception. The high capacity lithium ion batteries are factory fitted in the handles and are charged by connecting a supplied USB cable to the handle and connecting the other end to the computer's spare active USB port, a fully discharged battery can take up to 4 hours to recharge. Scanning can still be undertaken while the batteries are being charged.

While the D-Tech models DB-5013 and DB-6213 can be readily used with desktop PC's they are especially suited for use with Laptop PC's.

All of the portable D-Tech bar code readers mentioned in category (b) also qualifies for category (c). i.e. can also be used for day to day loans and returns.

Other models in the D-Tech range are available including those with Bluetooth protocol options that all cater for the new generation of 2D (Two-Dimension) bar code applications that are emerging in the market. (See DB-W614 BT below).

Can the DB-5013 & 6213 read 2D bar codes like the **QR code** ?? Answer:- **YES**

Can the DB-5013 & 6213 be used for library stocktaking ?? Answer:- **YES**

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A very popular but old bar code reader that falls into category (a) is the Cipher Labs model 1000 at **\$187.00** Incl GST (**subject now to availability**).

The Cipher Labs 1000 has been a time honored favorite among school libraries, it is very tough and can if required be configured to read bar codes without depressing the trigger.



Cipher Labs 1000

Unlike most modern scanners the model 1000 has to be held very close to the bar code being read for satisfactory results, because of this the Cipher 1000 is sometimes referred to as a "Touch Scanner". When reading bar codes that are printed close together this feature has advantages.

No, unfortunately it doesn't come with a desk stand. Alternatively see D-Tech DB-6000 or DB-6080.

Wireless Stocktaking & General Circulation desk use:-

Another favorite time honored portable bar code reader that falls into category (b) and (c) is the Cipher Labs model 1560P at **\$566.50** Incl GST. (**S.T.A.**)



Cipher Labs 1560P

The Cipher 1560P wireless portable is supplied with a battery-charging cradle. The cradle is connected to the host computer with a USB cable and a second separate cable to a power transformer.

Installation is an easy process of connecting to the computer's USB port and letting the MS Windows plug and play feature accommodate for the new device automatically.

The Cipher 1560P has a wireless range of up to 80M or better and stocktaking can be done in real time or in batch mode where absolute wireless range is not a concern.

When not in use the scanner/reader should always be returned to and correctly parked in the cradle to ensure the battery charge is maintained.

Can the Cipher Labs 1560P read **QR code ??**

Answer:- **NO**

Can the Cipher Labs 1560P be used for library stocktaking ??

Answer:- **YES**

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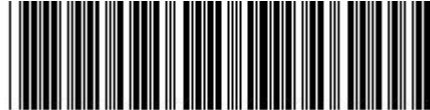
2D Bar Code.

The quest to find a way to encode more information within a bar code has led to the development of 2D bar code, 2D is shorthand for two dimension.

Where does that leave us with the conventional bar codes we have been using for many years? Well, they still exist and will continue to be used.

To differentiate them from their new siblings we now refer to them as 1D bar code short for one dimension.

Typical 1D Bar Code:-



2D bar codes can be viewed as layers of cropped 1D bar codes, regulation exists on how these are comprised and has to be strictly adhered to. This has led to the creation of several different symbologies or formats of 2D bar codes.

Commonplace among 2D types are **QR Code**; **Datamatrix**; **PDF 417** as shown below, other types exist but those illustrated are among the most popular.



Applications for 2D bar codes are growing in number and their appearance on forms, packaging, books and advertising is becoming more prevalent.

In most cases the new bar code reader models that are capable of reading 2D bar code can also read conventional 1D bar code. A spin off benefit of the new reading technology used in 2D bar code readers called "Area Imaging" can lead to faster and easier scanning for the user.

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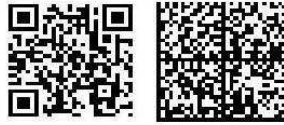
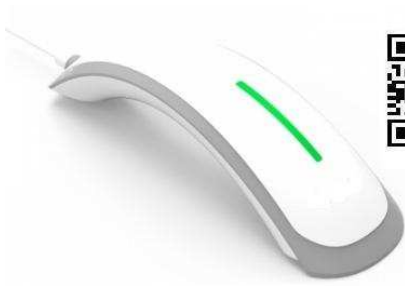
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The ever-evolutionary progress of technology is also applicable to bar code readers. It is because of this the new models D-Tech DB-9610 is now worth mentioning here.



The DB-9610 is a hand held corded bar code reader meaning that it is connected to the main computer with a USB cable.

Straightforward to use the modern DB-9610 fits into category (a) for basic loans and returns at the circulation desk.

D-Tech DB-9610 1D & 2D Ver



The DB-9610 is capable of reading both 1D and 2D bar codes with optional use **auto-trigger** feature sells for **\$198.00** Incl GST.

Can the DB-9610 read **QR code** ?? Answer:- **YES**

The DB-9610 represents a new generation of bar code reader and uses reading techniques that handle bar codes of various printed qualities including reflective labels better than earlier generations. In fact the DB-9610 will even read bar codes from the computer screen or mobile phone screen.

Based on a 32 byte CPU the DB-9610 is fast and this is evident in use. This speed coupled with advanced optics and the area imaging methodology of capturing the bar code makes it much easier for the user to read the bar codes,

The D-Tech **IR auto trigger feature**, which the operator can choose to enable means that bar codes can be read without needing to squeeze the trigger.

This is especially good news for users who may suffer from the debilitating effect of "**Carpal Tunnel Syndrome**" and is also young student friendly

The DB-9610 with spot projection are well suited for targeting and reading specific bar codes from closely grouped user / patron lists.

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Ergonomically exciting and incorporating the latest **CMOS camera** technology the DB-JY500 desk top auto read scanner has no internal moving parts to break or wear thus ensuring a long and reliable service life.

Foldable Omni-directional Barcode Scanner

0-270° Adjustable angle



The Hi-Performance DB-JY500 is supplied with pre-fitted USB cable so installation is as easy as connecting to the PC's USB port and letting Windows automatically allocate the required support resources i.e. Plug & Play.

The easy to use DB-JY500 is ideal for service on the circulation desk.

All popular bar code formats are catered for including the new generation 2D formats like Aztec; QR code; PDF 417; Datamatrix plus others.

DB-JY500-USB



Available in White or Light blue

D-Tech 1D/2D DB-JY500 at **\$231.00** incl GST

While not illustrated here the USB cable is supplied pre-fitted.

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Bluetooth Wireless Misconceptions.

The term Bluetooth is often mistakenly used as a generality to mean portable or wireless, whereas in fact Bluetooth or BT when used in the context of bar code scanners is a short-range low power wireless protocol that can limit the communication reach to 10 Meters.

Bluetooth able wireless scanners like the D-Tech models DB-W614; DB-S214 and DB-8014 (see pages below) can be configured to use BT 4.0 protocol for communicating with devices like iPhones, iPads and Android computers. These same models however, when configured to work with Windows PC's use direct USB 2.4Ghz wireless to obtain a greater communication range up to 30 Meters or better.

The Bluetooth protocol used today in D-Tech wireless scanners that feature BT is Bluetooth 4.0 (2.402 to 2.480Ghz Adaptive Frequency Hopping).

Other popular D-Tech wireless models like the DB-5083, DB-6083 and DB-6223 that are also used in libraries with Windows PC's use an industry standard 433Mhz wireless frequency to simplify installation, avoid complexity and obtain an equally long or greater wireless range.

The work place environment that wireless bar code readers are operating in plays a large role in determining the absolute achievable wireless range.

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A competitively priced personal portable bar code reader that fits category (b) & (c), for everyday circulation use and for remote data collection.

D-Tech DB-W614 1D/2D 2.4G USB–HID wireless / BT at **\$297.00** incl GST

The D-Tech model DB-W614 is a versatile pocket portable bar code reader with a practical workspace wireless range. Includes optional voice prompt assistance.

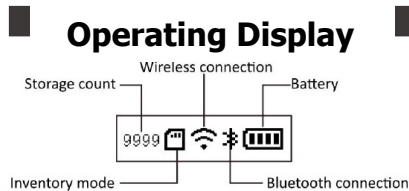
DB-W614



When used remotely the DB-W614 has a large memory capacity for data retention.

USB-HID installation is as easy as fitting the **supplied** D-Tech 2.4G USB wireless receiver to the host computer's USB port and letting the

Windows plug & play feature accommodate for the new device automatically.



Operating Display

All portable scanners require batteries, the model DB-W614 is no exception. The high capacity lithium ion battery is factory fitted and can be periodically charged by simply connecting the scanner to a computer's **active** USB port or USB 5V source using the supplied USB cable.

For operator comfort the DB-W614 can be set to Manual trigger mode or Auto trigger mode. Scanning can still be undertaken while the battery is being charged and the level of the charge is displayed on the DB-W614's operating screen.

A very handy feature when collecting and storing stock or asset numbers is the screen display of the most recently scanned bar code. (Now where was I up to?).

When operated in PC USB-HID 2.4G wireless mode the range can be up to 30M whereas if the BT protocol is used then the range is standard Bluetooth 10M.

The DB-W614 features AI voice prompts to assist in operation and to announce operating status. This feature can be enabled/disabled as required.

While the D-Tech model DB-W614 can be readily used with desktop PC's it is especially suited for use with Laptop PC's. The DB-W614 can also be configured for Bluetooth communication with devices like Android, iPads & iPhones.

Can the DB-W614P be used for library stocktaking ?? Answer:- **YES**

Can the DB-W614P read 2D bar codes like **QR code** ?? Answer:- **YES**

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A compact cost competitive portable bar code reader that fits category (b) & (c), is now available for everyday circulation use and for remote data collection.

D-Tech 1D/2D model DB-8014 at **\$352.00** incl GST (BT 4.0 Wireless Range)

The D-Tech model DB-8014 is a versatile pocket portable bar code reader with a practical workspace wireless range.



DB-8014P

The DB-8014 has a large memory capacity for data retention when used remotely.

USB-HID installation is as easy as fitting the **supplied** D-Tech 2.4G wireless receiver to the host computer's USB port and letting the Windows plug & play feature accommodate for the new device automatically.

All portable scanners require batteries, the model DB-8014 is no exception. The high capacity lithium ion battery is factory fitted and can be periodically charged by simply connecting the scanner to a computer's **active** USB port using the supplied USB cable. A fully discharged battery can take up to 4 hours to recharge.

Scanning can still be undertaken while the battery is being charged and the level of the charge can be checked and displayed on the DB-8014's screen.

A very handy feature when collecting and storing stock or asset numbers is the screen display of the most recently scanned bar code. (Now where was I?).

When operated in USB-HID 2.4G wireless mode the wireless range can be up to 30M whereas if the BT protocol is used then the range is approximately 10M.

The local operating environment can effect/determine absolute wireless range.

In locations (e.g. hospitals) where wireless operation might not be permitted or desired the DB-8014 can be operated in a tethered cable only mode.

While the D-Tech model DB-8014 can be readily used with desktop PC's it is especially suited for use with Laptop PC's. The DB-8014 can also be configured for Bluetooth communication with Android, iPads & iPhones.

Can the DB-8014P be used for library stocktaking ?? Answer:- **YES**

Can the DB-8014P read 2D bar codes like **QR code** ?? Answer:- **YES**

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The increasing popularity and use of 2D bar code is leading to the development of new and higher performance bar code readers.

DB-6510-USB



A good example of this is the D-Tech DB-6510 area imaging bench top scanner that is capable of reading 1D and 2D bar codes without the need to accurately align the bar code being scanned.

This is the same type of scanner that can be found in use at various point of sale locations like service stations and small supermarkets to process items quickly and accurately. With the implementation of new reading technology the DB-6510 has no internal moving parts to break or wear ensuring a long and reliable service life.

Due to their hygienic hands free implementation, bench top scanners like the DB-6510 are quickly being recognized as highly suitable for use in libraries at the circulation desk.

The Hi-Performance DB-6510 comes supplied with a USB cable so installation is as easy as connecting to the PC's USB port then just let Windows automatically do its work. The DB-6510's compelling price is **\$253.00** Incl GST.

Bluetooth Stocktaking & General Circulation desk use:-

The D-Tech model DB-S214 BT (1D-2D Version) at **\$418.00** incl GST can be configured for use with normal PC's & Bluetooth devices like iPad and Android.

The D-Tech DB-S214 2.4 Ghz Bluetooth (4.0) portable wireless scanner is supplied with a battery-charging cradle. The cradle is connected to a 5-volt source with the supplied USB cable. Has user selectable optional use IR auto trigger feature. Can be used for both category (b) & (c).



DB-S214 BT

Remote stocktaking with the DB-S214 can be undertaken in data collection batch mode if required where absolute wireless range does not matter.

When not in use the battery charge is maintained by always parking the scanner in the cradle.

Can the DB-S214 BT read **QR code** ? Answer:- **YES**

Can the DB-S214P be used for library stocktaking ? Answer:- **YES**

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