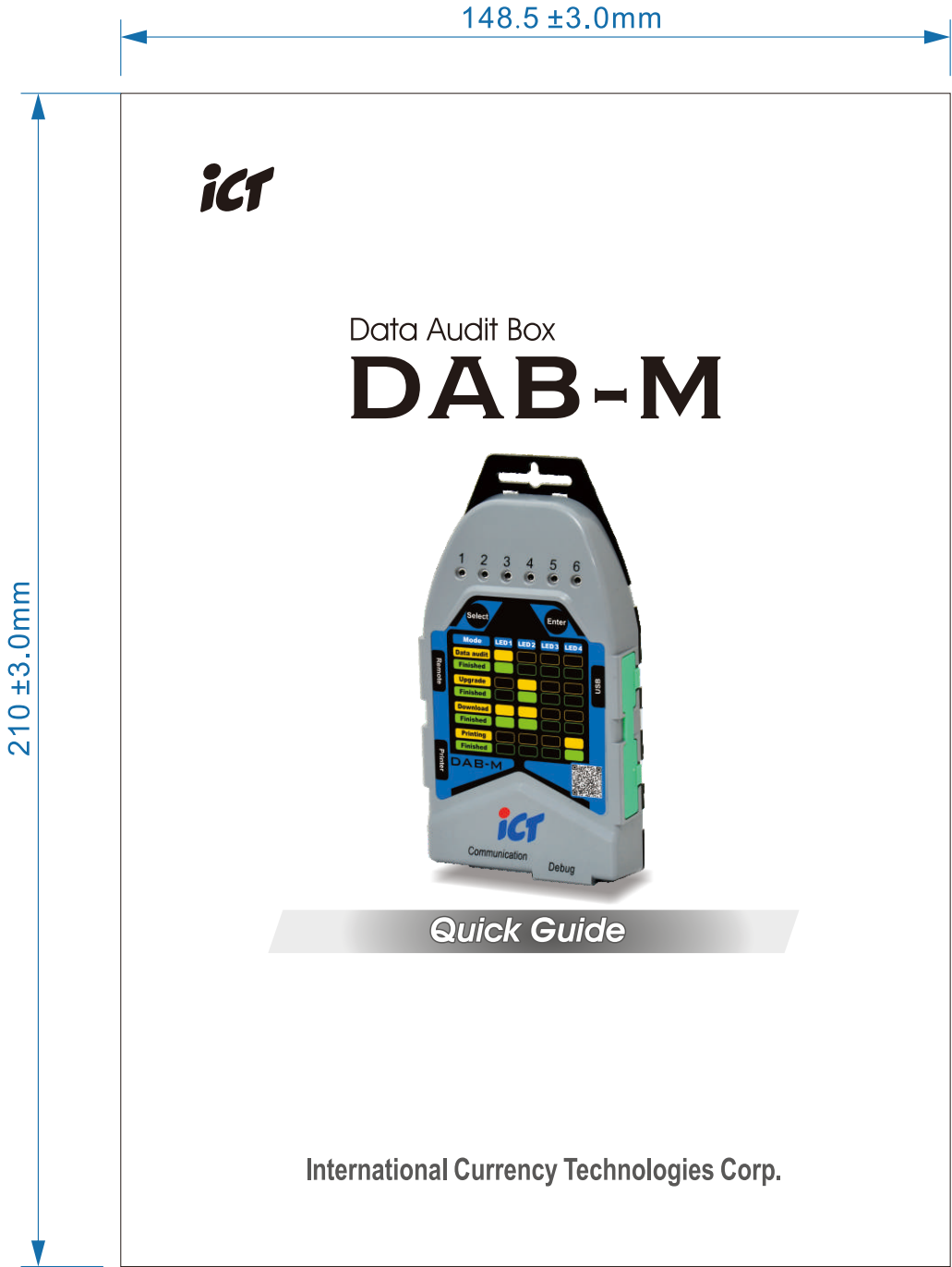


製作日期	發行料號	品 名
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Data Audit Box

# DAB-M



**Quick Guide**

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## Before to Use

To check below:

1. Need to install [ .Net Framework 4 Client Profile ] version (you can download from Microsoft website) on your PC (Microsoft OS, XP above) before operating DAB on your PC via DAB Audit Box Tool.
2. Need to install Office Excel 2003 or above.
3. DAB's power feed is from VMC while DAB installed on the vending machine.
4. You need to prepare a power support for DAB while DAB connecting to PC for parameter settings.
5. You can re-set the encryption key via DAB Audit Box Tool if you would like to change the factory default value "0, 0, 0, 0".  
Please refer to DAB-M User Manual, section 2-5 AUDIT FILE.
6. You can re-set DAB time setting to your local time (please refer to DAB-M User Manual, section 2-4). The default setting is GMT+01 : 00.
7. You would find below items on DAB Product:
  - a. DAB-M
  - b. USB-to-USB type-A cable
  - c. MDB+DXE Communication cable



MDB+DEX Communication Cable

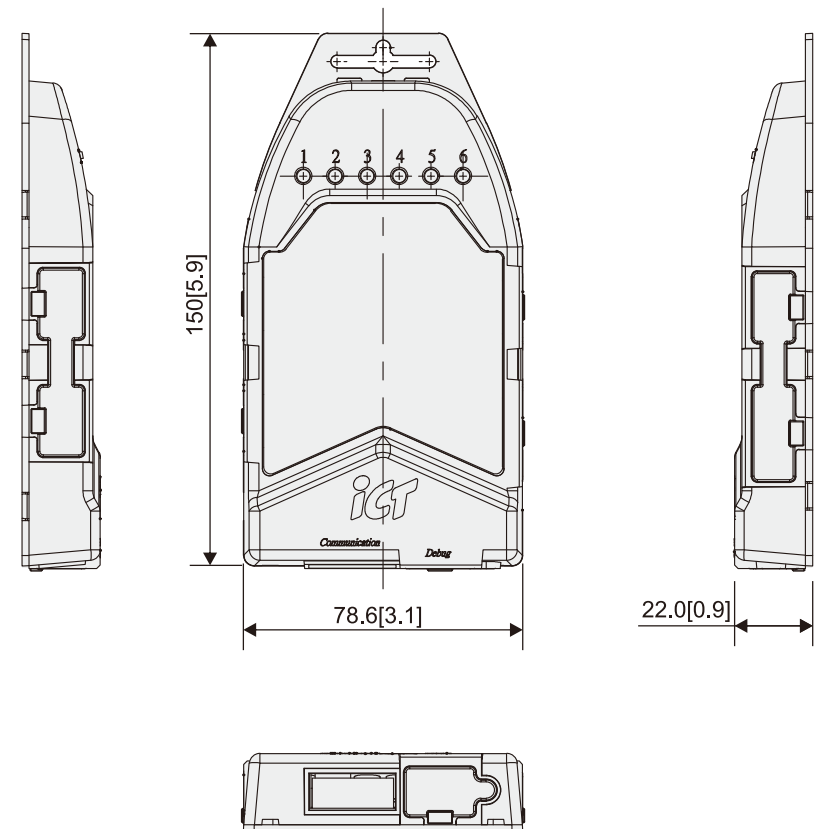
USB-to-USB Cable



DAB-M

8. For further DAB Series parameter settings, including receipt paper format setting, you need to contact ICT FAE or visit ICT website at [www.ictgroup.com.tw](http://www.ictgroup.com.tw) to get DAB Audit Box Tool software & DAB Series installation guide.

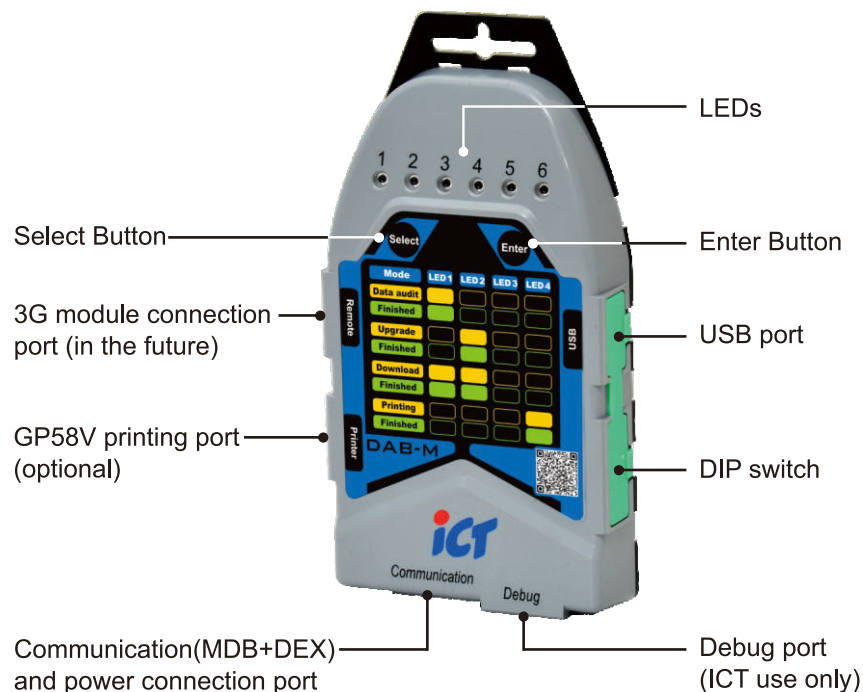
## 1. Dimension



Unit : mm [inch]

## 2. DAB LED indicator function introduction

### LEDs, Buttons & connection ports









### LED type

Indicator	Function
LED1~LED4	Mode Status Indicator
LED5	Upgrade Error Indicator
LED6	Stand-by-mode Indicator VMC Indicator/ time setting Indicator

### Mode Status Indicator

Please refer to page 8, Function Setting/ LED Indicators Table.

### Upgrade Error Indicator

DAB USB Pen Drive failed	 Flash one time
Coin Change firmware upgrade failed	 Flash two time
Bill Acceptor firmware upgrade failed	 Flash three time
CL firmware upgrade failed	 Flash four time
Document Check (DC) firmware upgrade failed	 Flash five time
ICT GP58V firmware upgrade failed (in the future)	 Flash six time

### Stand-by-mode Indicator

1. LED6 flash in green means the DAB is under stand-by-mode ready for functionality
2. LED6 flash in red means the DAB is under stand-by-mode, but time setting is back to default value of [2016/01/01 00:00:00] due to no coin battery or low battery power. You need to power-off DAB and replace the coin battery, reset the time setting and then power-on to show you LED6 flash in green again.
3. LED6 flash in orange means the DAB is under stand-by-mode, but is working on getting the debug code from peripheral devices. LED6 would back to flash in green once the task finished.

### Function for Stand-by-mode

Function	Remark
Record the communication (log) data	Save the communication data front/ to VMC/ Coin Change/ Bill Acceptor
Record the transaction data	1. Save EVA/DTS data 2. Save each single transaction data

### Peripheral Device (VMC/BA/CC/Cashless) Status Indicator

On stand-by-mode (LED6 flash in green), and without to press “**select**” button, the LED1, LED2, LED3 and LED4 would show the status of the devices connected to the DAB. Below is the LED Indicator description.

LED#	Communication in normal	No Communication
LED1	Green light, VMC communication normally	No light, VMC is no communication or device is not existed
LED2	Green light, coin change communication normally	No light, coin change is no communication or device is not existed
LED3	Green light, bill acceptor communication normally	No light, bill acceptor is no communication or device is not existed
LED4	Green light, chashless communication normally	No light, chashless is no communication or device is not existed

## 3. Installation (connect to VMC & peripheral device)

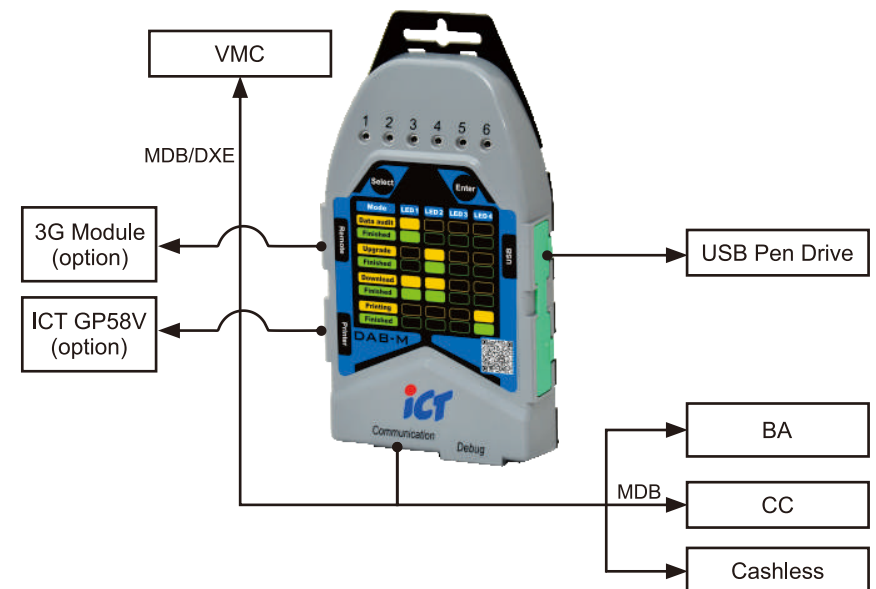
### First step

- Shut down/ Power-off the vending machine.
- Connect DAB's MDB (male) connector to VMC's MDB connector (female).
- Connect DAB's DEX (male) connector to VMC's DEX connector (female) in case the VMC has DEX interface.





























### Second step

Connect DAB's MDB (female) connector to ICT Coin Changer and Bill Acceptor's MDB (male).

Please refer to below configuration.



## 4. Function Setting/LED Indicators Table

Function	Press Button	LED Indicator (Green)	Remark
Transaction Export Mode	NO	    LED1 LED2 LED3 LED4	Plug USB Pen drive and data reload to the USB Pen Drive.
DAB Firmware Upgrade Mode	NO	    LED1 LED2 LED3 LED4	Plug USB Pen Drive and do the firmware upgrade (Correct files must be existed on this USB Pen Drive)
Upgrade BA/CC/ GP58V Firmware	NO	    LED1 LED2 LED3 LED4	Plug USB Pen Drive and do the firmware upgrade (correct files must be existed on this USB Pen Drive)
Setup and Testing Mode (link to PC Tool)	YES	    LED1 LED2 LED3 LED4	Press DAB's "Select" button to select both LED2 & LED3 to shine in amber, then plug in the USB Pen Drive, and press "Enter" button.
Audit Backup Data Export Mode (History data)	YES	    LED1 LED2 LED3 LED4	Press DAB's "Select" button to select both LED2 & LED3 to shine in amber, then plug in the USB Pen Drive, and press "Enter" button.
Clear Up Devices (BA/CC) Upgrade Records Mode	YES	    LED1 LED2 LED3 LED4	Press DAB's "Select" button to select all the LED1, LED2 & LED3 to shine in amber. And then press "Enter" button.
Parameter Setting Mode (via USB Pen Drive)	YES	    LED1 LED2 LED3 LED4	Press DAB's "Select" button to select LED4 in amber light, then plug in the USB Pen Drive, and press "Enter" button to entry to "Parameter Setting mode" to write down the parameters to DAB.

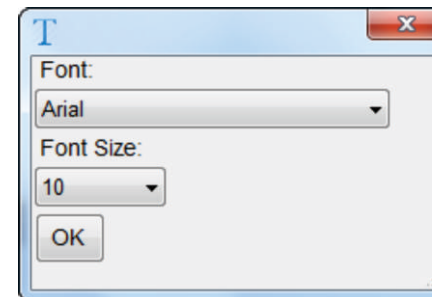
## 5. DAB Audit Box Tool

DAB Audit Box Tool is designed with English version. The user can change it to what language you want. To achieve this, please, after tool installed on your PC, find out the **Global.ini** on the folder of **My Documents\ICT\Audit Box Tool\Language** and open it as below screen:

```
getText = Obtain
setText = Set
informationText = Information
noTest = No.
resultTest = Result
clearButtonText = Clear
startText = Start
ExportButtonText = Export
addressLabelText = Address:
writeButtonText = Write
readButtonText = Read
otherButtonText = Extra
```

You can change the English texts the right side of "=" to what language characters you want. Please don't change the texts the left side of "=". Save the file after you finished. Open the tool program and it would show you below screen to setup the font/size.







### Font/Size initialized settings



### Please note:

1. You can skip this section if you would use English version of Audit Box Tool.
2. To Get DAB Audit Box Tool software, please visit ICT WEBSITE or contact ICT FAE for details.

## 6. Error Status & Troubleshooting

Status	LED (Red)	Troubleshoot
Program Error	 LED1 LED2 LED3 LED4 LED5 LED6	Plug-in USB Drive to re-upload program again.
DAB Oscillation Error	 LED1 LED2 LED3 LED4 LED5 LED6	Please send back to ICT for the repair.
DAB Checksum Error	 LED1 LED2 LED3 LED4 LED5 LED6	Please send back to ICT for the repair.
DAB start-code Error	 LED1 LED2 LED3 LED4 LED5 LED6	Please send back to ICT for the repair.
Time re-set in abnormal	 LED1 LED2 LED3 LED4 LED5 LED6	Change to the new coin battery in DAB. Reset the time in General Utility. Power-on DAB.
DAB Hardware Error	 LED1 LED2 LED3 LED4 LED5 LED6	Please send back to ICT for the repair.

**ict** Taiwan

**International Currency Technologies Corporation**

No.28, Ln. 15, Sec. 6, Minquan E. Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

sales@ictgroup.com.tw (For Sales)

rma@ictgroup.com.tw (For Customer Service)

Website: www.ictgroup.com.tw