

# PA-3522 v1.4

2015/10/01

## Driver DVD version History

2016/07/18 Version: PA-3522 V1.2

1. Del BIOS bin
- 2.Changer Fingerprint Manual 4000-->4500
3. Update MB-1030 driver/OPOS/Utility For Win8.1
- 4.Update MB-3012 OPOS Driver For Win8.1
- 5.Add I-BUTTON IBT300

2017/04/10 Version: PA-3522 V1.3

Add drivers for Windows 10 and Ubuntu 14.04

Updated MB-4103-11N VFD utility (U01-4000-000-01-161103)For Win7

Add MB-4103-11N VFD utility (U01-4000-000-2-161103) For Win8.1/10

Add MB-4103-11N VFD utility (U03-4000-000-J2-160803) For Ubuntu 14.04LTS 64bit

Updated MB-4103-11N VFD OPOS (D04-4000-000-01-160804)For Win7

Updated MB-4103-11N VFD OPOS (D04-4000-000-02-160804)For Win8.1/10

Add MB-4103-11N VFD JPOS (D04-4000-000-J2-160701) For Ubuntu 14.04LTS 64bit

2.Add MB-1030RB Printer control board Win 10 & Linux ubuntu LTS 14.04 Driver support

3.Driver support win10

4. OBM MSR integrate 12N/13N Version =>14N , Add Win 10 & Linux ubuntu LTS 14.04 Driver / Utility support

2017/09/16 Version: PA-8225 V1.4

1.Renew Cash drawer OPOS driver

Standard Version

D04-6822-000-01-170725 for Win10 x64

D04-6822-000-03-170725 for Win7 x64

D04-6822-000-04-170725 for Win7 x32

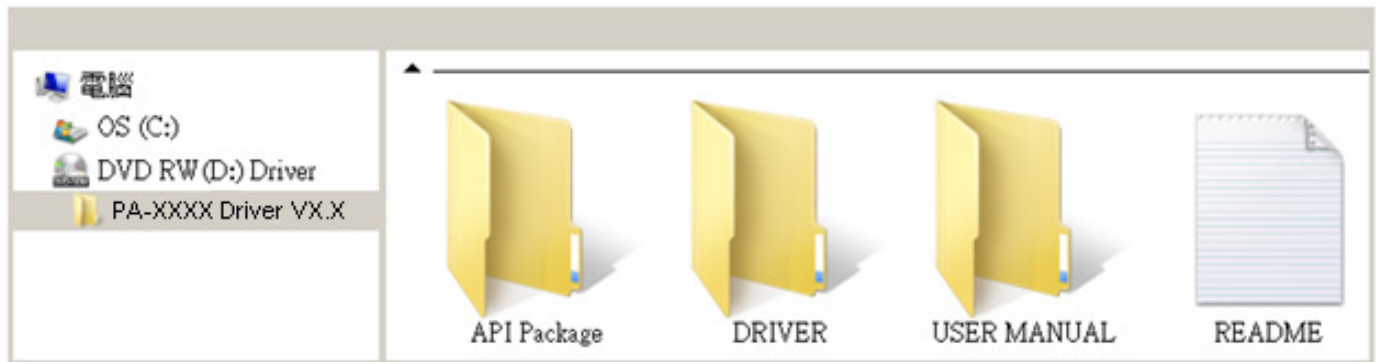
Updated MB-4103-11N VFD utility (U01-4000-000-01-170427) For Win7

Updated MB-4103-11N VFD utility (U01-4000-000-2-170427) For Win8.1/10

# DRIVER DISC content

## Layer 1

\API Package	Folder
\DRIVER	Folder
\USER MANUAL	Folder
README	Text file



## Layer 2 \API Package folder

\DEMO PROJECT folder	Demo AP
\Prox API Standard folder	API
\Document folder	Guide

## Layer 2 \DRIVER folder

\Flash BIOS folder	BIOS & Updating tool													
\Platform folder	<p>Driver</p> <ol style="list-style-type: none"> <li>The sequence of setup is, Main Chip =&gt; Graphics =&gt; LAN =&gt; SOUND =&gt; TOUCH [Device folder]</li> <li>You will be prompted to reboot when installation is complete.</li> </ol> <p><b>Main Chip /Intel® Celeron® J1900</b></p> <table border="1"> <thead> <tr> <th>Main board version</th> <th colspan="2">RA/RB/RC</th> </tr> </thead> <tbody> <tr> <td rowspan="2">for POS Ready7 Windows 8.1</td> <td>32bit</td> <td><a href="#">10.0.17</a></td> </tr> <tr> <td>64bit</td> <td><a href="#">10.0.17</a></td> </tr> <tr> <td rowspan="2">For WIN10</td> <td>32bit</td> <td><a href="#">10.1.1.14</a></td> </tr> <tr> <td>64bit</td> <td><a href="#">10.1.1.14</a></td> </tr> </tbody> </table>	Main board version	RA/RB/RC		for POS Ready7 Windows 8.1	32bit	<a href="#">10.0.17</a>	64bit	<a href="#">10.0.17</a>	For WIN10	32bit	<a href="#">10.1.1.14</a>	64bit	<a href="#">10.1.1.14</a>
Main board version	RA/RB/RC													
for POS Ready7 Windows 8.1	32bit	<a href="#">10.0.17</a>												
	64bit	<a href="#">10.0.17</a>												
For WIN10	32bit	<a href="#">10.1.1.14</a>												
	64bit	<a href="#">10.1.1.14</a>												

\Platform folder

**Graphics /Intel® Celeron® J1900**

Main board version		RA/RB/RC
for POS Ready7 for Windows Embedded 8.1 Industry for Windows 10	32bit	15.33.39.4276
	64bit	15.33.39.64. 4276

**LAN Chip/ Realtek RTL8119-CG**

Main board version		RA/RB/RC
for POS Ready7	32bit	7.92.115.2 015
	64bit	7.92.115.2 015
for Windows Embedded 8.1 Industry	32bit	8.38.115.2 015
	64bit	8.38.115.2 015
for Windows10	32 / 64bit	10.7.107.2 016

**Sound Codec /Realtek ALC888S-VD2-GR**

Main board version		RA/RB/RC
for POS Ready7	32bit	6.0.1.7541
	64bit	6.0.1.7541
for Windows Embedded 8.1 Industry	32bit	6.0.1.7541
	64bit	6.0.1.7541
for Windows10	32bit	6.0.1.7541
	64bit	6.0.1.7541

**Intel® TXE Package**

Driver		RA/RB		RC	
		DRIVER	FW built in BIOS	DRIVER	FW built in BIOS
for POS Ready7 Windows8.1	32bit	1.0.0.1064	01.01.00.1089	1.0.0.1050	01.00.02.1060
	64bit	1.0.0.1064	01.01.00.1089	1.0.0.1050	01.00.02.1060
for Windows10	32bit	1.0.0.1064	01.01.00.1089	1.0.0.1064	01.00.02.1060
	64bit	1.0.0.1064	01.01.00.1089	1.0.0.1064	01.00.02.1060

**Windows 7 update KMDf &MBI**

Main board version		RA/RB/RC
for POS Ready7	32bit	kmdf-1.11-Win-6.1-x86
	64bit	kmdf-1.11-Win-6.1-x64

\Device folder

**Touch Controller /ETP-CP-MER4485XRU**

Main board version			RA/RB/RC	
for POS Ready7	Resistive (ETP-CP-MER4485XRU)	32bit	5.13.0.13911	
		64bit	5.13.0.13911	
	Projected Capacitive (Control Board: EXC73ACUAG)	32bit	Inbox driver	
		64bit	Inbox driver	
for Windows Embedded 8.1 Industry	Resistive (ETP-CP-MER4485XRU)	32bit	5.13.0.13911	
		64bit	5.13.0.13911	
	Projected Capacitive (Control Board: EXC73ACUAG)	32bit	Inbox driver	
		64bit	Inbox driver	
WES7 (E version)	Resistive (ETP-CP-MER4485XRU)	32bit	<b>5.13.0.12628</b>	
		64bit	<b>5.13.0.12628</b>	
	Projected Capacitive (Control Board: EXC73ACUAG)	32bit	<b>5.13.0.12706 For PCAP</b>	
		64bit	<b>5.13.0.12706 For PCAP</b>	
WES7 (P version)	Resistive (ETP-CP-MER4485XRU)	32bit	<b>1. Inbox driver</b> <b>2. Calibration tool</b> "HIDeGalaxTouchTool_2.10.0.5626-SwMode-S"	
		64bit	<b>1. Inbox driver</b> <b>2. Calibration tool</b> "HIDeGalaxTouchTool_2.10.0.5626-SwMode-S"	
	Projected Capacitive (Control Board: EXC73ACUAG)	32bit	<b>Inbox driver</b>	
		64bit	<b>Inbox driver</b>	
	for WIN10	Resistive (ETP-CP-MER4485XRU)	32/64bit	<a href="#">5.14.0.14916</a>

**Cash Drawer [DRW]**

OPOS	Main board Version	RC	D04-6822-000-01-170725 Win10 x64 D04-6822-000-01-170725 Win8.1 x64 D04-6822-000-03-170725 Win7 x64 D04-6822-000-04-170725 Win7 x32
API	Main board Version	RC	A01-0000-000-03-150921

**WIFI module /WPER-116GN /PCIe**

for POS Ready7 for Windows Embedded 8.1 Industry	32bit	12.0.0.58855
	64bit	12.0.0.58855
For WIN10	32bit	5.0.57.0
	64bit	5.0.57.0

**ZQ802XRN7-01 /PCIe**

for POS Ready7	32bit	09/24/2014,2013.7.0901.2014
	64bit	09/24/2014,2013.7.0901.2014

for Windows Embedded 8.1 Industry	32bit	09/24/2014,2013.7.0901.2014
	64bit	09/24/2014,2013.7.0901.2014
For WIN10	32bit	09/24/2014,2013.7.0901.2014
	64bit	09/24/2014,2013.7.0901.2014

**VFD / MB-4103RA-11N /RS232**

OPOS 32bit /64bit	<b>MB-4103RA-11N /RS232</b>	D04-P400-000-01-160804 For Win7
OPOS 32bit /64bit	<b>MB-4103RA-11N /RS232</b>	D04-P400-000-02-160804 For Win8.1/10
Utility 32bit /64bit	<b>MB-4103RA-11N /RS232</b>	U01-4000-000-01-170427 For Win7
Utility 32bit /64bit	<b>MB-4103RA-11N /RS232</b>	U01-4000-000-02-170427 For Win8.1/10
Utility	<b>MB-4103RA-11N /RS232</b>	U01-4000-000-J2-161103 For Ubuntu 14.04LTS 64bit
JPOS 32bit /64bit	<b>MB-4103RA-11N /RS232</b>	D04-4000-000-J1-160412 For Win7/8.1/10
JPOS	<b>MB-4103RA-11N /RS232</b>	D04-4000-000-J2-160701 For Ubuntu 14.04LTS 64bit

**LD720 /RS232**

FW		LD720 /RS232	
OS	Bit	OPOS	Utility
POS Ready7	32	1.00.000	2.3
	64		
Windows Embedded 8.1	32		
	64		

\Device folder

**RFID /MF320U /USB**

for POS Ready7	32bit	V1.5 R8
	64bit	V1.6 R4
for Windows Embedded 8.1 Industry Windows 10	32bit	V1.5 R8
	64bit	V1.6 R4

**IBUTTON /**

OS	Bit	Utility
POS Ready7	32	U00-6822-000-00-150715
	64	
Windows Embedded 8.1/ Windows 10	32	
	64	
<b>PB-6722 /COM2</b> <b>PB-6822 /COM3</b> <b>PB-3251 /COM3</b>		Please add to install “.NET framework 3.5” in WIN 8.1 platform

**IBT300 /USB**

OS	Bit	Driver	Utility
POS Ready7	32	1.06	V0701
	64		
Windows Embedded 8.1	32		
	64		
Windows 10	32/64	VCP+HID+KBDriver508 2 5.1.2600.2180	CIDTestAP V0701

**IBT300A /USB/PS2/RS232**

OS	Bit	Utility	USB Driver
POS Ready7	32/64bit	CIDTestAP V0701	VCP+HID+KBDriver5082 5.1.2600.2180
Windows Embedded 8.1	32bit	<b>NA</b>	<b>NA</b>
	64bit	CIDTestAP V0701	VCP+HID+KBDriver5082 5.1.2600.2180
Windows 10	32/64bit	CIDTestAP V0701	VCP+HID+KBDriver5082 5.1.2600.2180

**MSR /**

OPOS 32bit/64bit	<b>MJR243U-PT /USB/RS232</b>	POS Ready 7 Windows Embedded 8.1 V1.0R6
	<b>MB-3011 /USB MB-3013 /RS232 (For 301X 12N 13N)</b>	POS Ready 7 D04-3011-000-00-160311
		Windows Embedded 8.1and WIN10 D04-3011-000-01-160311
	<b>MB-3012 /PS2 (For 301X 12N 13N)</b>	POSReady7 D04-3012-000-00-160311
		Windows Embedded 8.1and WIN10 D04-3012-000-01-160701
	<b>MB-3011 /USB MB-3013 /RS232 (For 301X 14N)</b>	POS Ready 7 D04-3011-000-00-160701
		Windows8.1 and WIN10 D04-3011-000-01-160701
	<b>MB-3012 /PS2 D04-3012-000-00-160311 (For 301X 14N)</b>	POS Ready 7 D04-3012-000-00-160311
		Windows8.1 and WIN10 D04-3012-000-01-160701
	<b>IDMB-333433B-NC /PS2</b>	POS Ready 7 Windows 8.1 Windows10 3.13.0.0
JPOS	<b>IDMB-333433B-NC /PS2</b>	1.9.16
Utility 32bit / 64bit	<b>IDMB-333433B-NC /PS2</b>	POS Ready 7 Windows 8.1 Windows10 V2.0.15
	<b>SKH300/USB</b>	POS Ready 7 Windows8.1 V0600
		Window 10 V0701
Utility 32bit / 64bit	<b>MB-3011 /USB</b>	POS Ready 7 U00-301X-000-00-160311 (For MB301X 12N 13N)
	<b>MB-3012 /PS2</b>	POS Ready 7 U00-301X-000-00-160701 (For MB301X 14N )
	<b>MB-3013 /RS232</b>	Windows8.1 Windows10 U00-301X-000-01-160311 (For MB301X 12N 13N) Windows8.1 Windows10

		U00-301X-000-01-160701 (For MB301X 14N )
Ubuntu 14.04 LTS	<b>MB-3011 /USB</b> <b>MB-3012 /PS2</b> <b>MB-3013 /RS232</b> (for MB301X 14N)	U03-301X-000-J1-160701(x64 only)
USB Driver	<b>MB-3011 /USB</b>	V1.14.0
	<b>SKH300/USB</b>	V6.6.1

### Printer board /

<b>PDAC3100</b> <b>USB/RS232</b>	USB to Virtual COM	32bit/64bit	1.2.0
	POS Ready7	32bit	V2.5
		64bit	V2.71
	Windows Embedded 8.1 Industry	32bit	V2.5
		64bit	V2.71
	Windows10	32bit	V2.76.7
		64bit	V2.76.7
OPOS	1.0.0.7		
<b>MB-1011</b> <b>/USB,</b> <b>MB-1013</b> <b>/RS232</b>	Linux	32 bit	1.0.0
	POS Ready7	32bit	2.4.0.0
		64bit	2.4.0.0
	Windows Embedded 8.1 Industry	32bit	2.4.0.0
		64bit	2.4.0.0
OPOS	15.0.0.591		
<b>MB-1030</b> <b>USB/RS232</b>	POS Ready7 Windows Embedded 8.1 Industry Windows10	UART 32 bit / 64 bit	D01-1030-000-C1-150719
		USB 32 bit / 64 bit	D01-1030-000-01-150717
	POS Ready7 / Windows Embedded 8.1 Industry Windows 10 USB to Virtual COM	32 bit/ 64 bit	1.4.0
	Windows Embedded 8.1 Industry Windows 10 OPOS	Board Ver. RA,RC	D04-1030-000-A2-150601
		Board Ver. RB	D04-1030-000-02-150701
	POS Ready7 OPOS	Board Ver. RA,RC 32 bit/ 64 bit	D04-1030-000-A1-150601
		Board Ver. RB 32 bit/ 64bit	D04-1030-000-01-150701
	Utility	POS Ready7 Board Ver. RA,RC	U01-1030-000-01-150725
		Windows	U01-1030-000-02-150725



			Embedded 8.1Industry Board Ver RA RC	
			POS Ready7 Board Ver. RB	U01-1030-000-01-150725
			Windows Embedded 8.1Industry Board Ver RB	U01-1030-000-02-150725
	<b>MB-1030</b> <b>USB/RS232</b>	Utility	Windows 10 Ubuntu 14.04(x64)	U01-1030-000-02-150725
	<b>MB-1030</b> <b>USB/RS232</b>	Sample code (Ubuntu14.04 x64)		MB1030_Sample-1.0.1
		CUPS Driver (Ubuntu14.04 x64)		D03-1030-000-01-141230
		JPOS Driver (Ubuntu14.04x64)		D04-1030-000-J2-160630
		Printer Utility (Ubuntu14.04 x64)		U03-1030-000-J2-160704

**Finger Printer /**

OS	Bit	Utility
POS Ready7	32	DP00_02_003
	64	N/A
Windows Embedded 8.1/ Windows10	32	DP00_02_003
	64	N/A
Windows 10 2015 LTSB	32	Version 2.2.3
	64	Version 2.2.3

**Layer 2 \USER MANUAL** folder

**User Manual**

System Guide

**PDF File reader**

AdbeRdr930\_en\_US.exe