



Australian Government

Department of Industry,
Science and Resources

**National
Measurement
Institute**

36 Bradfield Road, West Lindfield NSW 2070

**Supplementary Certificate of Approval
NMI S825**

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the instruments herein described.

ZiiTech Model ZiiPOS Classic Point of Sale (POS) System

submitted by Zii Tech Pty Ltd
49 Whitehorse Rd
Deepdene VIC 3103

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This approval has been granted with reference to document NMI M 7, *Pattern Approval Specifications for Point of Sale Systems*, dated June 2012.

This approval is subject to review at the decision of the Chief Metrologist in accordance with the conditions specified in the document NMI P 106.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	07/10/21
1	Pattern approved – certificate issued	11/02/22
2	Pattern amended (submitted by) – certificate issued	15/02/22
3	Variant 1 approved – certificate issued	10/04/24

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI PS825' and only by persons authorised by the submitter. (Note: The 'P' in the approval number may be a temporary marking.)

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with document NMI P 106.

Special

Certain aspects of this instrument (in particular transaction record printing formats) are able to be configured by the user. Whilst NMI believes that acceptable formats can be achieved for typical basic sales modes, it is also possible for the instrument to be configured to produce unacceptable formats, and use of some formats may be inappropriate for different sales modes. It is the responsibility of the user to ensure that acceptable and appropriate formats are used in any particular situation.

Signed by a person authorised by the Chief Metrologist to exercise their powers under Regulation 60 of the *National Measurement Regulations 1999*.



Darryl Hines
Manager
Policy and Regulatory Services

TECHNICAL SCHEDULE No S825

1. Description of Pattern **provisionally approved on 07/10/21**
approved on 11/02/22

A ZiiTech model ZiiPOS Classic Point of Sale (POS) system to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved measuring instruments granted with reference to document NMI M7.

1.1 Key Features

- The system provides point of sale arrangements for a CAS model AP Plus-EC self-indicating non-automatic weighing instrument (approval NMI 6/4D/370) or other compatible (#) NMI-approved measuring instruments.
- The system receives measurement data from the output interface of the approved measuring instrument and computes prices using a product look up (PLU) facility.
- The system computes total price for multiple items including non-measured items and is approved for use for transactions direct to the public.
- Manually entered measurement data shall be indicated as such on a printed transaction record.

(#) 'Compatible' is defined to mean that no additions/changes to the hardware/software specified in this approval are required for satisfactory operation of the system.

Note: The POS system is NOT able to apply a preset tare value

1.2 System Description

The ZiiTech model ZiiPOS Classic Point of Sale (POS) system (Figure 1) comprises:

(i) POS Controller

The ZiiTech model ZiiPOS Classic POS controller comprises a ZiiPOS model HK560 or equivalent (*) PC-based device that operates a Microsoft Windows operating system running ZiiPOS Classic legally relevant version 1.xx software (displayed as 'NMI Version 1.xx').

Non-legally relevant component of the software is also shown as a second version number. Both these numbers may be displayed as shown in Figure 2 by selecting 'About ZiiPOS Classic' from the 'Help' screen. (Submitor to confirm method and location of software version)

(*) 'Equivalent' is defined to mean other proprietary equipment of the same or better specifications requiring no changes to the software specified in this approval for satisfactory operation of the system.

(ii) Electronic Indications

Indications shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

The ZiiPOS model HK560 POS controller has an integral touch sensitive display to provide an indication for the operator (Figure 2) and another integral display to provide an indication for the customer (Figure 3).

Information additional to that required by document NMI M7, including totalisation details and product images, may also be indicated.

(iii) Printing Devices

Transaction records shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

A Sewoo model TSK-400 printer or equivalent (*) is connected to the controller to provide transaction record printing facility. A typical record is shown in Figure 4.

(*) 'Equivalent' is defined to mean other proprietary equipment of the same or better specifications requiring no changes to the software specified in this approval for satisfactory operation of the system.

(iv) Additional System Facilities

In addition, the system may include other facilities including point of sale cash drawers, magnetic card and/or barcode reader and electronic funds transfer (EFT), etc. The facilities shall not interact with the system in a way that would cause an incorrect indication of the measured quantity or price.

1.3 Verification Provision

Provision is made for the application of a verification mark.

1.4 Descriptive Markings

The POS controller is marked in a clear and permanent manner, in one location, with the following information:

Submittor's name or mark
Serial number or other unique identifier
Pattern approval number	NMI S825

2. Description of Variant 1

approved on 10/04/24

A ZiiTech model ZiiPOS GO POS system to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved measuring instruments granted with reference to document NMI M7.

The ZiiPOS GO system operates with the same features as described above in **1.1 Key Features**

2.1 System Description

The ZiiTech model ZiiPOS GO system (Figure 5) comprises:

(i) POS Controller

The ZiiTech model ZiiPOS Classic POS controller comprises a ZiiPOS model HK526 Luna S or equivalent (*) device that operates an Android based operating system running ZiiPOS Go legally relevant version 2.x.x software

(ii) Electronic Indications

Indications shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

The ZiiPOS model HK526 Luna S POS controller has an integral touch sensitive display to provide an indication for the operator (Figure 6) and another integral display to provide an indication for the customer (Figure 7).

Information additional to that required by document NMI M7, including totalisation details and product images, may also be indicated.

(iii) Printing Devices

Transaction records shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

The ZiiPOS model HK526 comprises an integral printer or an equivalent (*) separate model printer may be connected to the POS Controller, to provide transaction record printing facility. A typical record is shown in Figure 8.

(*) 'Equivalent' is defined to mean other proprietary equipment of the same or better specifications requiring no changes to the software specified in this approval for satisfactory operation of the system.

TEST PROCEDURE No S825

The POS system shall be tested in addition to any tests specified in the approval documentation for the measuring instrument/s to which the POS system is connected, as appropriate

The POS system shall be tested in the normal operational mode of the instrument and device, not in 'training mode' or any other management mode.

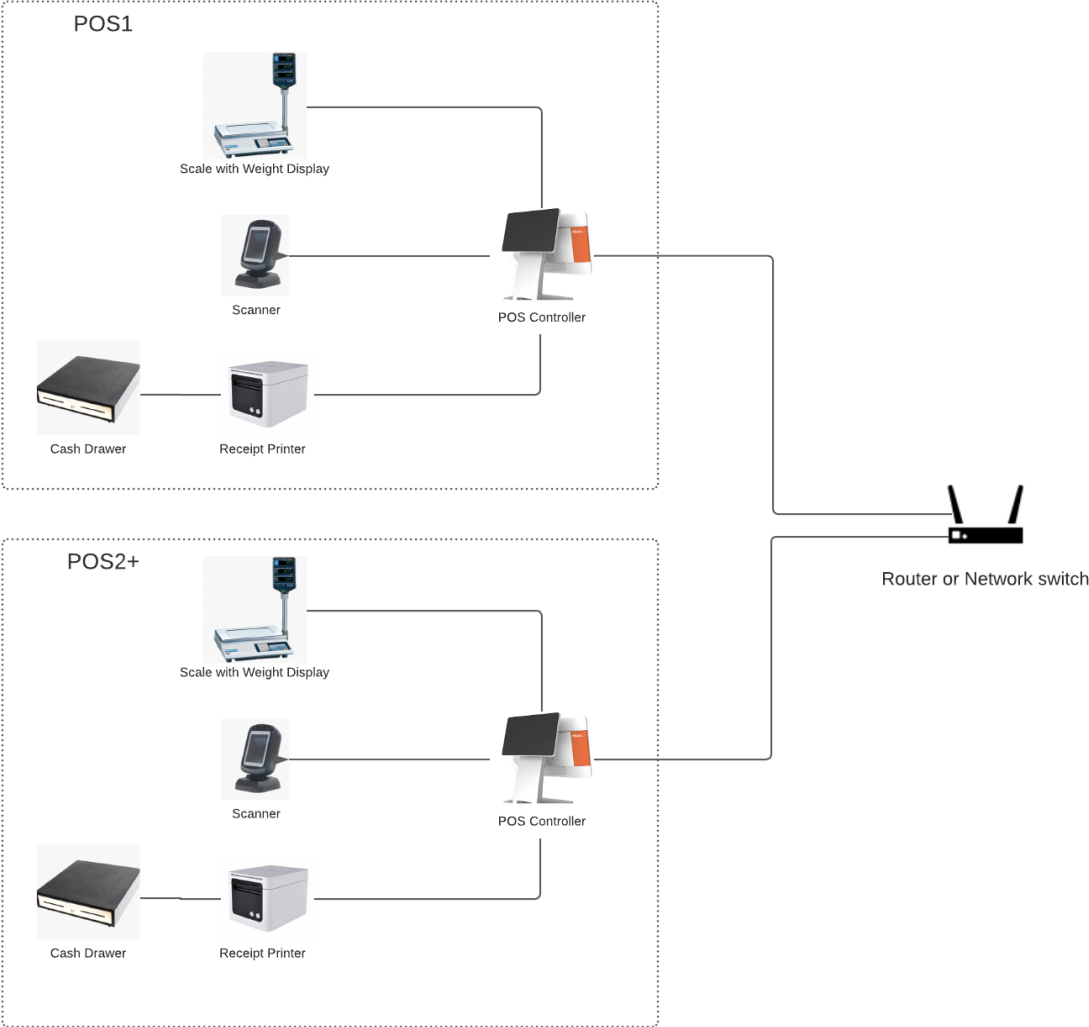
Maximum Permissible Error

The maximum permissible error for price computation is ± 0.5 cent.

TESTS

1. Check the software version number/s.
2. Check that the POS system faithfully reproduces the measurement data in the same units and scale interval as the connected approved measuring instrument, e.g. test by using a PLU without a stored tare.
3. Check that the system performs correct price computation, and computes and indicates a correct unrounded subtotal. For cash payment methods, check that any rounding calculation is correct.
4. Manually enter some pre-determined measurement data and ensure that the printed transaction record clearly indicates the transaction as such.
5. For network systems check to ensure that the measurement data printed on the transaction record is correctly reproduced.
6. Ensure that electronic indications and printed information are in accordance with document NMI M 7.

FIGURE S825 – 1



ZiiPOS Classic Point of Sale (POS) System

FIGURE S825 – 2

No	Description	Qty	Price	Amount
1	BROCCOLINI	1	\$2.99	\$2.99
2	1/2 RED CABBAGE	1	\$2.99	\$2.99
3	FUJI APPLE large	0.310kg	\$4.99/kg	\$1.55
4	GRANNY SMITH large	0.120kg	\$4.99/kg	\$0.60

Amount	\$8.13
Discount	\$0.00
Voucher Discount	\$0.00
Redeem Points	\$0.00
Total	\$8.13
Total Includes GST	\$0.00

Qty	Price	Void Item	Print Invoice	Payment
Weight	Discount	Redeem Points	Search Customer	
Lay-by Sales	Lay-by Customer	Sales Refund	Open Drawer	Cancel
More Function	Change User ID	Search Products	Daily Report	Exit

LEEKES \$1.99/ea	BROWN ONIONS \$2.99/kg	PICKLING ONIONS BAG \$2.99/kg	RED ONIONS \$3.99/kg
WHITE ONIONS \$4.98/kg	BROWN ONIONS 2KG BAG \$4.99/ea	BROWN ONIONS 10KG BAG \$12.99/kg	SPRING ONIONS \$1.99/ea
SALAD ONIONS \$1.49/ea	SLAD \$1.49/ea	SHALLOTS \$9.98/kg	SHALLOT \$1.49/kg
CUT BUTTERNUT PUMPKIN \$1.99/kg	QUEENSLAND BLUE PUMPKIN \$4.99/kg	WHOLE JAR PUMPKIN \$1.49/kg	WHOLE BUTTERNUT PUMPKIN \$1.99/kg
LEEKES \$1.99/ea	1KG ONIONS \$1.49/ea	SLICED PUMPKIN PRE PACK \$3.99/kg	RED SHALLOT \$7.99/kg

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MUSHROOMS	ONION&PUMP	ORANGES	PEARS
PEPPERS	POTATOES	Prior	Next

Typical Operator Display


FIGURE S825 – 3

WELCOME TO ZIITECH PTY LTD
YOU ARE BEING SERVED BY SUPERVISOR

0.120kg X \$4.99/kg = \$0.60

DESCRIPTION	QTY	PRICE	AMOUNT	Total:	\$8.13
BROCCOLINI	1	\$2.99	\$2.99		
1/2 RED CABBAGE	1	\$2.99	\$2.99		
FUJI APPLE large	0.310kg	\$4.99/kg	\$1.55		
GRANNY SMITH large	0.120kg	\$4.99/kg	\$0.60		

Weight 0.120 kg



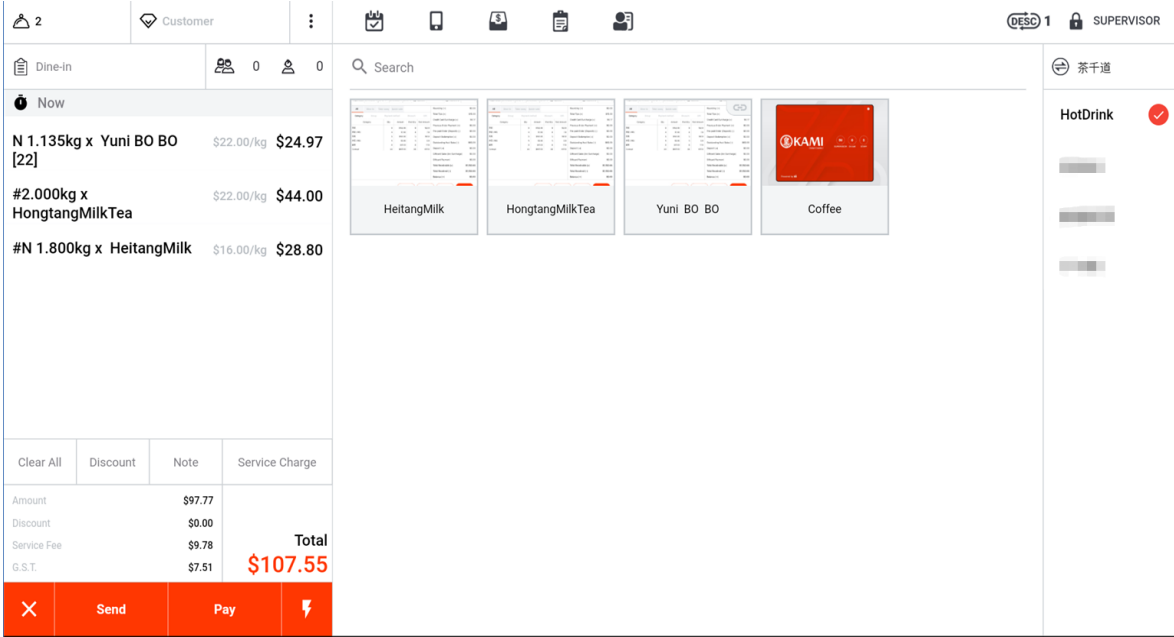
Typical Customer Display

FIGURE S825 – 4



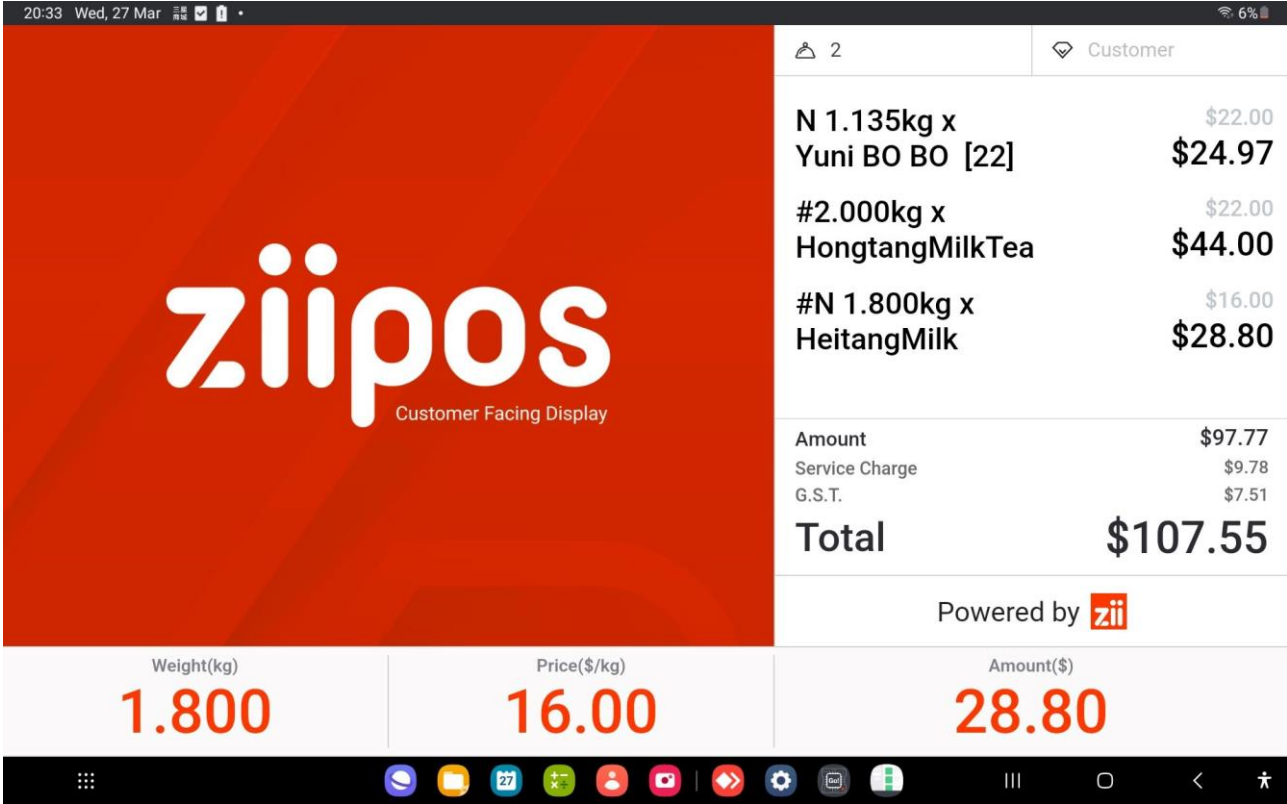
A Typical Receipt

FIGURE S825 – 5



Typical Operator Display - ZiiPOS Go (Variant 1)

FIGURE S825 – 6



Typical Customer Display - ZiiPOS Go (Variant 1)

FIGURE S825 - 7

Your order number is
0001

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ZIITECH PTY LTD
A.B.N 000000000000
Tel: 03 0000 0000
49 Whitehorse Rd, Deepdene 3103

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TAX INVOICE

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10/04/2024
No: A2404100001
Staff: SUPERVISOR

Table: 2

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DESCRIPTION	AMOUNT
N *Yuni BO BO / 22 1.135kg X \$22.00/kg = \$24.97	
#HongtangMilkTea 2.000kg X \$22.00/kg = \$44.00	
N #HeitangMilk 1.800kg X \$16.00/kg = \$28.80	
Sub Total:	\$97.77
Service Fee(10%):	\$9.78
Total:	\$107.55
G.S.T Included In Total:	\$7.51
CASH:	\$120.00
Change:	\$-12.45
Balance:	\$0.00

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* Indicates G.S.T free item.
Weight quantity is manually entered.

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A Typical Receipt - ZiiPOS Go (Variant 1)

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