



Bradfield Road, West Lindfield NSW 2070

## Supplementary Certificate of Approval

### NMI S650

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.

EBS Model EBS POS Point of Sale (POS) System

submitted by Exoebs Qld Pty Ltd T/a EBS Services  
Unit 16/93 Rivergate Place  
Murarrie QLD 4172

**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 M7, *Pattern Approval Specifications for Point of Sale Systems*, dated June 2012.

This approval becomes subject to review on 1/12/18, and then every 5 years thereafter.

#### DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	8/11/13
1	Pattern approved – certificate issued	09/10/14

#### CONDITIONS OF APPROVAL

##### General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S650' and only by persons authorised by the submittor.

Instruments purporting to comply with this approval and currently marked 'NMI PS650' may be re-marked 'NMI S650' but only by persons authorised by the submittor.

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*.

A handwritten signature in black ink, appearing to read 'Dr A Rawlinson', with a horizontal line underneath.

Dr A Rawlinson

TECHNICAL SCHEDULE No S650

**1. Description of Pattern** **provisionally approved on 8/11/13**  
**approved on 09/10/14**

An EBS model EBS 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 Teraoka model DS-772 self-indicating non-automatic weighing instrument (approval NMI 6/4C/240) 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.
  - The POS controllers may be connected in a network to share common PLU data, for totalisation, and to accumulate and retrieve management information.
- (#) '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 EBS model EBS POS point of sale (POS) system (Figure 1) comprises:

**(i) POS Controller**

The EBS model EBS POS controller comprises a Lenovo model Thincentre M72e or equivalent (\*) PC-based device that operates a Microsoft Windows-based operating system running EBS POS version 1.xxx.x software. The version number may be displayed by viewing the POS screen in the bar at the bottom of the screen.

**(ii) Electronic Indications**

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

An Acer model AL1916 computer monitor or equivalent (\*) is connected to the POS controller to provide an indication for the operator (Figure 2).

A DigiPos model WD-2030 2-line display or equivalent (\*) is connected to the controller and provides an indication for the customer (Figure 3).

- (\*) '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.

### (iii) Printing Devices

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

A Citizen model CT-S801 printer or equivalent (\*) is connected to provide a 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 S650

### TEST PROCEDURE No S650

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.

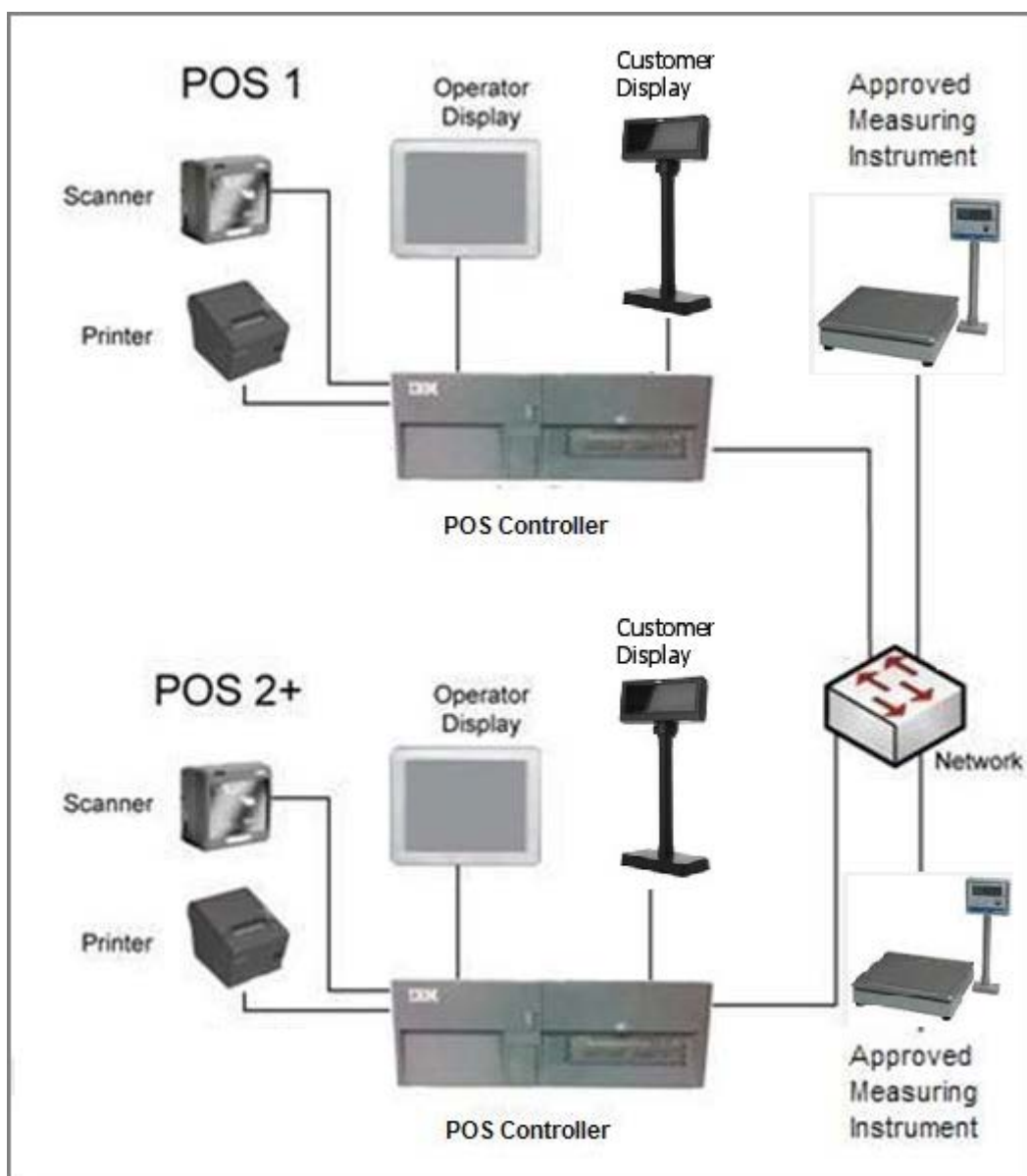
### Maximum Permissible Error

The maximum permissible error for price computation is  $\pm 0.5$  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. For network systems check to ensure that the measurement data printed on the transaction record is correctly reproduced.
5. Ensure that electronic indications and printed information are in accordance with document NMI M7.

FIGURE S650 – 1



EBS Model EBS POS Point of Sale (POS) System

FIGURE S650 – 2



Operator Display

FIGURE S650 – 3



Customer Display

Typical Displays

FIGURE S650 – 4

Welcome to Exobiz  
Phone (07) 3390 4900

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SALE: 0. CASH SALES  
SERVED BY: BRIDGETT  
DATE: 25/07/2014 01:35:09 PM  
INVNO: 1054

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DESCRIPTION	AMOUNT
APPLES	\$5.64
1.025 kg @ \$5.50/kg	
PEARS	\$6.77
1.042 kg @ \$6.50/kg	
*ROUNDING	-\$0.01
TOTAL:	\$12.40
Incl GST of:	\$0.00
CASH:	\$12.40

\* Taxable items

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A Typical Receipt

~ End of Document ~