



Bradfield Road, West Lindfield NSW 2070

Supplementary Certificate of Approval

NMI S619

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.

Worldsmart Model 4888-E12 Point of Sale (POS) System

submitted by Worldsmart Retail Limited
 Level 2A, 8 Clunies Ross Court
 Eight Mile Plains QLD 4113

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 **1/03/18**, and then every 5 years thereafter.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	5/02/13
1	Pattern amended (validity date) – interim certificate issued	30/04/13
2	Pattern amended (validity date) – interim certificate issued	29/11/13
3	Pattern & variant 1 approved – certificate issued	10/12/14

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S619' and only by persons authorised by the submittor.

Instruments purporting to comply with this approval and currently marked 'NMI PS619' may be re-marked 'NMI S619' 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 S619

1. Description of Pattern **provisionally approved on 5/02/13** **approved on 10/12/14**

A Worldsmart model 4888-E12 (**) self check out point of sale system granted with reference to document NMI M7.

(**) The main part of the model number (e.g. 4888) may have different last 2 digits and may include suffixes, in the form 48xx-xxx xxxx where x may be any alphanumeric character representing non-metrological features. (refer to variant 1)

1.1 Key Features

The system includes an inbuilt Magellan model 8502 self-indicating non-automatic weighing instrument (approval NMI 6/4C/215) or other compatible (#) NMI-approved measuring instruments.

(#) '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.

1.2 System Description

The Worldsmart model 4888-E12 self check out system (Figure 1) comprises:

(i) POS Controller

The Worldsmart model 4888-E12 self check out POS controller comprises a TGCS model 4888-E12 or equivalent (*) PC-based device that operates a Microsoft Windows-based operating system running TGCS Checkout Environment software version 6.x.x.xxxx software and Worldsmart Retail (WSR) POSMs version 1.x.x.x software. The TGCS software version number is displayed at the bottom left portion of the screen when the 'Version' button is pressed. This button is accessible between transactions. The POSMs software version number can be displayed by right clicking on the Posms exe and selecting the Details tab (Note: the Posms exe exists locally on the controller at the following location C:\Program Files\Worldsmart Retail\Posms\).

(ii) Electronic Indications

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

The POS controller has an inbuilt TGCS model SurePoint touch sensitive computer monitor to provide an indication for the customer (Figure 2).

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 TGCS model SureMark 4610-1NR printer or equivalent (*) is connected to the controller to provide transaction record printing facility.

A typical record is shown in 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.

(iv) Additional System Facilities

In addition, the system may include other facilities including point of sale cash (change) dispenser, magnetic card and/or barcode reader and electronic funds transfer (EFT). 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 S619

2. Description of Variant 1

approved on 10/12/14

Certain other models of the 48xx series (**) of self check out systems similar to the pattern, in various configurations of the features outlined in clause **1.2 (iv) Additional System Facilities**.

- (**) The main part of the model number (e.g. 4888) may have different last 2 digits and may include suffixes, in the form 48xx-xxx xxxx, where x may be any alphanumeric character representing non-metrological features.

The approved models include, but are not limited to, the following:

- 4845-E01 Cashless;
- 4845-E02 Cashless;
- 4845-E11 Cash;
- 4845-E12 Cash;
- 4888-E01 Cashless;
- 4888-E02 Cashless;
- 4888-E11 Cash;
- 4888-E12 Cash.

All models use TGCS version 6.x.x.xxxx software and Worldsmart Retail (WSR) POSMs version 1.x.x.x software.

TEST PROCEDURE No S619

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.

The POS system may be tested using the tests below:

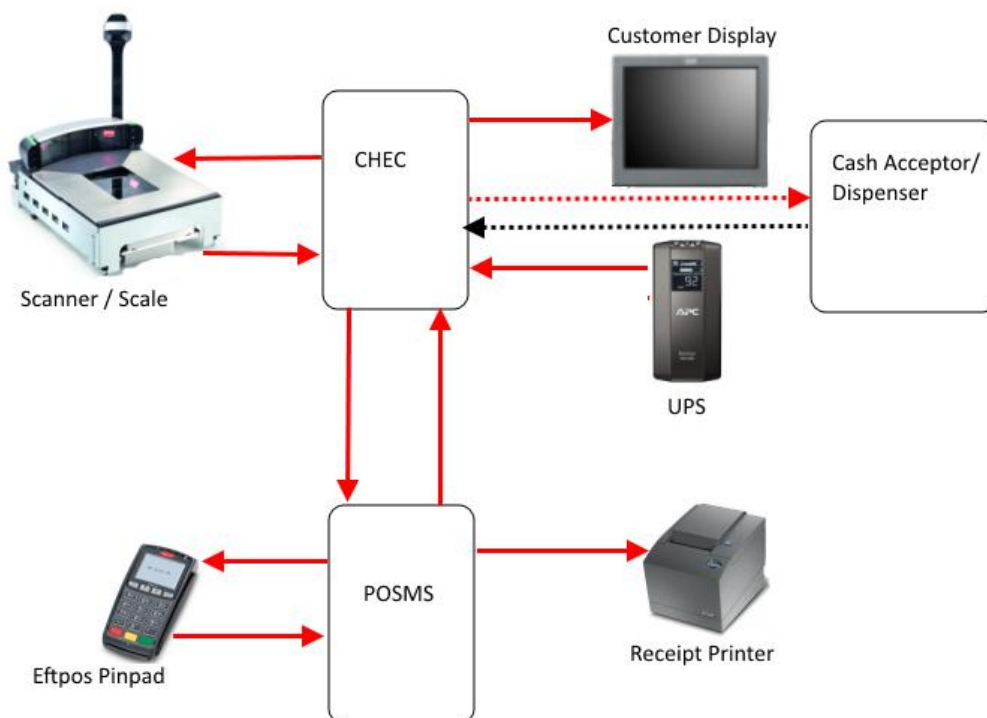
Maximum Permissible Error

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

TESTS

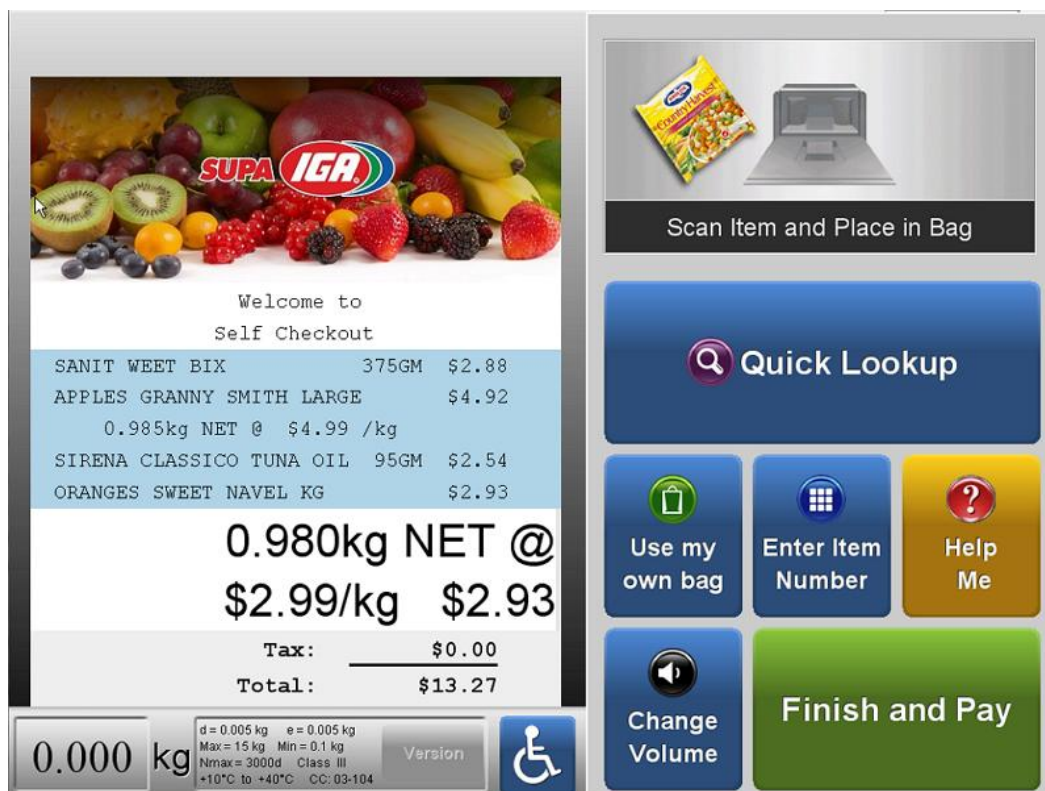
1. Check the software version number/s.
2. Check that the POS system faithfully reproduces the measurement data in the same units and scale interval as the connected approved measuring instrument, e.g. test by using a PLU without a stored tare.
3. Check that the system performs correct price computation, and computes and indicates a correct unrounded subtotal. For cash payment methods, check that any rounding calculation is correct.
4. Ensure that electronic indications and printed information are in accordance with document NMI M7.

FIGURE S619 – 1



Worldsmart Model 4888-E12 Point of Sale (POS) System (The Pattern)

FIGURE S619 – 2



Typical Customer (Self-serve) Display

FIGURE S619 – 3



A Typical Receipt