



**Australian Government**

**National Measurement  
Institute**

Member State of OIML  
**Australia**

OIML Certificate N<sup>o</sup>  
**R76/1992-AU-02.01 Revision 3**  
This revision replaces the previous one

NMI File N<sup>o</sup>: R2008/065

**OIML CERTIFICATE OF CONFORMITY**

Issuing authority

Name: **National Measurement Institute**  
Address: **Bradfield Road, West Lindfield NSW 2070, Australia**  
Telephone: **+61 2 8467 3600** Fax: **+61 2 8467 3610**

Person responsible: **Mr Chris Davies, Head of Weighing, Pattern Approval Section**

Applicant

Name: **Datalogic Scanning, Inc.**  
Address: **959 Terry Street, Eugene, Oregon 97402, USA**

Manufacturer of the certified pattern is the Applicant.

Identification of the certified type:

**Datalogic Scanning Model Magellan 8502, 9502 and 8504 Weighing Instruments**  
Further characteristics see page 2

This certificate attests the conformity of the above-mentioned type (represented by the samples identified in the associated Test Report(s)) with the requirements of the following Recommendation of the International Organisation of Legal Metrology (OIML):

OIML Recommendation: **R76-1** and **R76-2**  
Edition: **1992 (E), Amendment 1 1994(E)** **1993 (E), Amendment 1 1995 (E)**  
Accuracy class: **Ⓜ**

This certificate relates only to the metrological and technical characteristics of the type of the instrument covered by the relevant OIML Recommendation identified above.

This certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated test report(s): See table on page 2.

The issuing authority

**National Measurement Institute**

Date: 9 May 2008

The CIML member

**Dr G Harvey**

Date: 9 May 2008

Characteristics:

The instrument is an electronic nonautomatic weighing instrument intended for direct sales to the public - weighing and barcode scanning of items in a check-out situation.

The instrument is intended to be installed in a fixed position (in a recess within the check-out counter), consequently a levelling device and level indicator are not provided.

The instrument display is single sided. The display shall be located such that all primary indications are clearly and simultaneously displayed to both the vendor and the customer (otherwise the instrument shall be marked "NOT FOR DIRECT SALES TO THE PUBLIC" or similar).

The instrument tested used a Pihong model PSM28U-201 power supply. Based on assessment it is considered that instruments using the alternative C & C Jetronic model PSU25A-13 power supply would also conform to the mentioned OIML Recommendations.

The load receptor has nominal dimensions of 307 mm x 283 mm. Note that the load receptor incorporates a vertical section – the dimensions given do not include this vertical section.

The model 9502 instrument is similar to the model 8502, but incorporates a Sensormatic<sup>®</sup> electronic article surveillance (EAS) antenna and associated circuitry for security purposes, it also has modified scanning optics, and the load cell has been relocated. This instrument is available with the load cell at the left or right of the platform.

The model 8504 instrument is similar to the model 8502, but may incorporate an electronic article surveillance (EAS) antenna (of different type to that used in the Model 9502) and the orientation of the load cell has been changed from that in the Model 8502.

Table 1 - Characteristics of the instrument

Model number		8502 and 8504			9502
Accuracy Class		III			III
Maximum capacity	Max =	15 kg		Max =	15 kg
Verification scale interval	e =	0.005 kg		e =	0.005 kg
Minimum capacity	Min =	0.1 kg		Min =	0.1 kg
Temperature range		+10 °C / 40 °C			+10 °C / 40 °C

Associated Test Report Details:

Table 2 - Associated test reports

Test Report No	R2002/104 [1]	R2003/148 [1]
Model number	8502	9502
Pages in Test Report	68	68
Maximum capacity	15 kg	15 kg
Classification	III	III
Testing authority	NSC	NSC

NSC - National Standards Commission, Australia

Note: Revision 2 of this OIML Certificate is issued following the change of name of the applicant and manufacturer from PSC, Inc to Datalogic Scanning, Inc. The associated test report (issued by NSC, the predecessor of the National Measurement Institute) has not been revised.

Note: Revision 3 of this OIML Certificate adds the model 8504 following a technical assessment that this model is sufficiently similar to the model 8502 that additional testing is not required.

Important note: Apart from the mention of the certificates reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report(s) is not permitted, though they may be reproduced in full.