

# Omron Microscan Systems, Inc.

## LVS-95xx Verification Report

**Overall: DPM3.6/14/660/30Q**

*T. Dean Nunn*

06/04/26

**Operator signature**

**Second signature**



2D	
Symbology	Data Matrix
Decoded text	18S1AXY6189468
Cell size	0.444mm
Decode	PASS
Cell contrast	4.0 60%
Minimum reflectance	3.6 16.6%
Cell modulation	4.0
Axial nonuniformity	4.0 0.1%
Grid nonuniformity	4.0 8%
Unused EC	4.0 100%
Fixed pattern damage	4.0
L1 (left of L finder)	4.0
L2 (bottom of L finder)	4.0
QZL1 (left quiet zone)	4.0
QZL2 (bottom quiet zone)	4.0
CTR (clock track regularity)	4.0
CTD (clock track damage)	4.0
SFP (solid fixed pattern)	4.0
OCTASA (overall clock track and solid area)	4.0
DDG (distributed damage grade)	4.0
TR (transition ratio)	4.0 0%
PG-X	-5.6%
PG-Y	-5.1%
Cell height	0.444mm
Cell width	0.444mm
Symbol Rotation	-1 degrees

Other information	
Letter Grade	A
ReportID	182
Operator	admin (LVS Administrator)
Application standard	DPM + MIL-STD-130N1 + UII
Limit Action	Change grade to F if Xdim or s symbol height is outside limits
Effective aperture	Reference number 14 (0.355 mm)
Lighting	660/30Q
Date and time	01-Jun-2026 13:14 local; 01-Jun-2026 18:14 GMT
Time zone	GMT -5
Sector size	8.6mm by 8.6mm
Last calibration	25-May-2026 10:41 local; 25-May-2026 15:41 GMT
Field of view	21.5mm (camera is 1536x1536 pixels)
Serial numbers	Unit: 2554433, Camera: 4520809, Model: 9585
Software product and version	LVS-95xx Version 4.7.1.4009
LVS-95xx manufactured by:	Omron Microscan Systems, Inc. 33930 Weyerhaeuser Way S. Suite 210 Federal Way, WA 98001 USA <a href="http://www.omron.com">http://www.omron.com</a>

Sensor Angle	1 degrees
Light Direction	30Q
Total CW	24
Data CW	12
Corrections	0
Size	16x16
MeanDark	12.9%
MeanLight	32.2%
Stick Used	False
Threshold	22.7%
Structure	PASS

<b>2D Structure</b>		
Embedded data	Description	Value
<237>	Macro 06; Format 06	[]<RS>06<GS>
18		
<230>	Latch to C40	
S1AXY6		
<254>	Unlatch	
189468	CAGE Code & Serial Number unique within CAGE American National Standard	(18S)
	Value for (18S)	1AXY6189468
	End of format 06	<RS><EOT>
	UII	D1AXY6189468