UID DPM COMPLIANCE VERIFIER

DPM Verifier

Fully AIM DPM-1-2006 Compliant

10 Built-In Illumination Settings

One Button Operation

Portable

The DPM Verifier (for Direct Part Marks) is a UID Compliance Verifier that evaluates and verifies symbols according to specifications in MIL-STD-130 and DFAR 252.211-7003. The DPM Verifier is designed to analyze and verify Data Matrix symbols that are directly marked by dot peen, laser etch and chemical etch on materials such as metal, plastic, and rubber.

UID Compliance Verification products allow U.S. DoD (Dept. of Defense) suppliers and subcontractors to easily and consistently comply with a wide range of UID regulations.

DPM Verifier: At a Glance

- *Verification Standards:*
  - *ISO/IEC 16022*
  - *ISO/IEC 15415*
  - *AS9132*
  - *AIM DPM Guidelines*
  - *MIL-STD-130*
- *Ethernet Connectivity*
- *Easy One Button Calibration and Operation*
- *Secure Mode For Operation Within Secure Facilities*

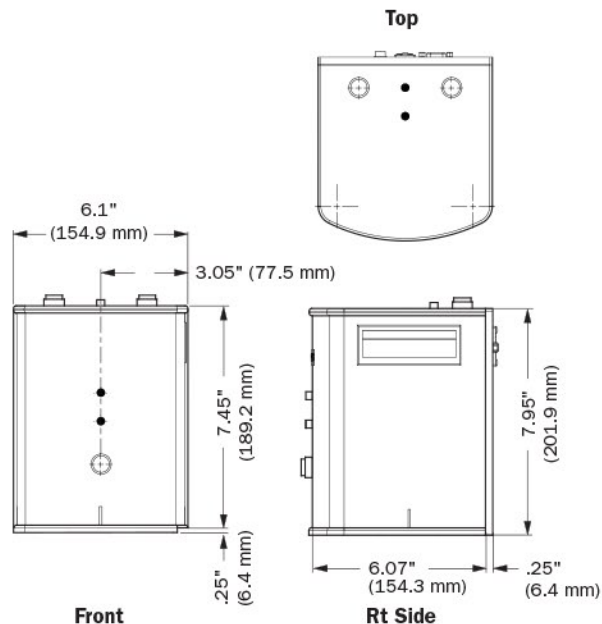*For more information on this product, visit www.microscan.com.*

DPM Verifier: Available Codes

2D Symbols   Data Matrix

Flexible Mounting
For maximum flexibility within any application or workspace, the DPM Verifier can be used as a standalone desktop unit, portable verifier or mounted to an optional stand.

Direct Part Marks
The DPM Verifier is designed for validation and verification of UID Data Matrix direct part marks with a variety of shapes and sizes. A variety of lighting options provide the necessary compliance for testing UID data syntax strings and evaluating symbol quality.

Reports
The DPM Verifier includes reporting features with quality assurance and repeatable/auditable results. Reports are detailed, and verification results are archived for back-up and compliance audits.

UID Compliance
Since implementation of the UID inititative, most goods destined for the U.S. DoD must be permanently marked with a UID code. UID Compliance Verifiers enable the DoD and their suppliers and subcontractors to meet the requirements in UID standards such as MIL-STD-130 and DFAR 252.211-7003.

Application Examples
U.S. DoD suppliers of:

- Aerospace parts
- Automotive parts
- Electronics
- Any UID Data Matrix direct part marks (laser, dot peen, chemical etch, photo etch, thermal print, etc.)

MICROSCAN®

Top

6.1"
(154.9 mm)

3.05" (77.5 mm)

7.45"
(189.2 mm)

7.95"
(201.9 mm)

.25"
(6.4 mm)

Front

6.07"
(154.3 mm)

.25"
(6.4 mm)

Rt Side

MECHANICAL
Height: 8.3" (211 mm)
Width: 6.1" (154.9 mm)
Length: 6.7" (170 mm)
Weight: 5.95 lb (2.7 kg)

READ PARAMETERS
Image Field: 1.19" x 0.86" (30.2 mm x 21.8 mm)
Min. Element Size: 0.0075" (0.19 mm)

ELECTRICAL
Power: AC adapter 100 to 240 VAC, 1.6 A 50/60 Hz input, 24 V with 1.5 A output

COMMUNICATIONS PROTOCOLS
Standard Interface: Ethernet
Maintenance Purposes: RS-232

ENVIRONMENTAL
Operating Temperature: 0° to 40° C (32° to 104° F)
Humidity: Up to 95% (non-condensing)

LIGHT SOURCE
Type: Class I LED, Red LED
External: 640 nm
Diffuse Perpendicular 90°
Dome (D)
Medium Angle 45° (45Q)
Low Angle 30° (30Q, 30T and 30S)

EMISSIONS/IMMUNITY
Heavy Industrial Immunity: EN 61010-1: 2002
Lead Radiation CCS: EN 60825-1 1993 Amendment 2 2001-01

MINIMUM PC REQUIREMENTS
- Host PC running Microsoft Windows 2000, Windows XP, or Windows Vista
- At least a 2 GHz CPU
- At least 512 MB RAM
- CD-ROM drive
- At least 100 MB of available hard disk space
- A 10/100 MB Network (Ethernet) interface
- Display capable of displaying at least 1024 by 768 pixels, true colors

SYMBOLS VERIFIED
Data Matrix (ECC 0-200)

STANDARDS
- AIM DPM-1-2006
- ISO 16022
- ISO 15415
- ISO 15434
- ISO 15418
- SAE AS9132 Laser
- SAE AS9132 Dot Peen
- SAE AS9132 Electro-Chemical Etch
- DFAR 252.211-7003
- MIL-STD-130L
- MIL-STD-130L Change 1
- MIL-STD-130M
- MIL-STD-130M Change 1
- MIL-STD-130N
- Guide to Uniquely Marking Items Version 1.4
- Guide to Uniquely Marking Items Version 1.5
- Guide to Uniquely Marking Items Version 1.6
- ATA SPEC200 Chapter 9 and ANSI MH10

SAFETY CERTIFICATIONS
FCC, UL/cUL, CE, CB

ISO CERTIFICATION
Certified ISO 9001:2008 Quality Management System

DARTRONICS, INC.
PACKAGING AUTOMATION SPECIALISTS

THE SINGLE SOURCE FOR YOUR
END-OF-LINE
PACKAGING, MARKING AND CODING NEEDS