

# Press Release



1653 East Main Street Rochester, NY 14609 U.S.A. Phone: 1.585.482.0300 Fax: 1.585.288.5989 E-mail: info@appliedimage.com

**FOR IMMEDIATE RELEASE**

Wednesday February 03<sup>rd</sup>, 2016

## **Announcing the New Applied Image Personal Identity Verification Calibration Standards**

**Rochester NY** With heightened security requirements for electronic personal identification and in response to the Homeland Security Presidential Directive-12, the NIST Federal Information Processing Standards-201/201-2 and FBI development of the PIV Image Quality Specification for Single Finger Capture Devices, **APPLIED IMAGE** is introducing the PIV (Personal Identity Verification) Calibration standards. These standards are in full compliance to the MITRE Technical Report MTR060170R5 "*Test Procedures For Verifying Image Quality Requirements for Personal Identity Verification (PIV) Single Finger Capture Devices*".

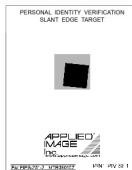
The **APPLIED IMAGE** PIV Calibration Standard family consist of seven individual standards:

### The **APPLIED IMAGE** family of Personal Identity Verification Standards

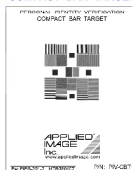
SINE M-13-60-S-RM



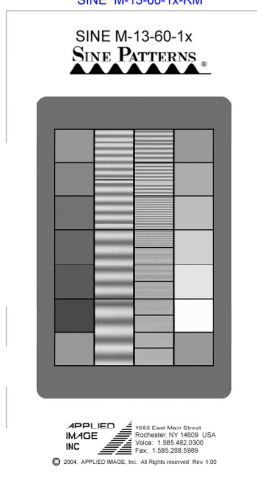
SLANT EDGE TARGET:1



COMPACT BAR TARGET



SINE M-13-60-1x-RM



LIGHT GRAY UNIFORMITY TARGET



DARK GRAY UNIFORMITY TARGET



RONCHI RULING 1c/mm



- **M13-60-1x-RM** 0.1875 - 12 c/mm Sinusoidal Array with 14 density patches
- **M13-60-S-RM** 1.0 - 10.0 c/mm Sinusoidal Array with 12 density patches
- **PIV-CBT1** Compact Bar Target
- **PIV-SE1** 5.2° Slant Edge Target
- **PIV-RR1** 1 c/mm Ronchi Ruling Grating
- **PIV-ST1** Dark Gray Uniformity Target
- **PIV-ST2** Light Gray Uniformity Target

In addition to the individual PIV standards, **APPLIED IMAGE** has bundled them together in two Personal Identity Verification Kits:

**PIV-KIT1** consists of the SINE M13-60-1x-RM, PIV-CBT1, PIV-SE1, PIV-RR1, PIV-ST1 and PIV-ST2 Calibration Standards

**PIV-KIT2** consists of SINE M13-60-S-RM, PIV-CBT1, PIV-SE1, PIV-RR1, PIV-ST1 and PIV-ST2 Calibration Standards

In order for a single finger-capturing device to be included on the FIPS-201/201-2 Approved List for purchase by Federal agencies, all devices must comply with the PIV technical document specifications (and complete other specification steps).

**APPLIED IMAGE** continues to offer the original **SINE M13-60-FBI Kit** for palm/hand/multi-fingerprint capturing devices. The kit includes the **M13-60-1x-RM** Sinusoidal Array and the **RR1-N-RM** four-inch square 1c/mm Ronchi Ruling grating.

To view these and other **APPLIED IMAGE** products, select the links below:

- [Personal Identity Verification Individual Test Charts](#)
- [Personal Identity Verification Kits](#)
- [SINE M13-60-FBI Kit Test Charts](#)
- the new [APPLIED IMAGE website](#)

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### *About Applied Image, Inc.*

Established in 1978, APPLIED IMAGE Inc. started as a manufacturer of high quality Precision IMAGED components, calibration standards, linear scales and test targets. Since then, APPLIED has expanded their manufacturing capabilities to include image analysis standards, sinusoidal array patterns, UPC-EAN barcode calibration standards, ISO, IEEE, AIM, ANSI, ISEA and other society image quality standards. The culminating selection of targets has become the basis for the APPLIED IMAGE “off-the-shelf” product lines, which can be found and purchased on the APPLIED IMAGE website [www.appliedimage.com](http://www.appliedimage.com). APPLIED is also renowned for their custom manufacturing and innovation capabilities, which includes Custom Ball (spherical) Optical Lenses, PhotoMask and Component Sub-Assembly Services. With their knowledgeable engineering and manufacturing staff, they have provided imaged components for a wide variety of industries and applications around the world. From micro-robotic components to calibration standards for the Mars Rover and the International Space Station, APPLIED does it all, truly making APPLIED IMAGE “*Where IMAGE Concepts Become Reality*”.

For more information, please contact:

Jason Mombert  
Sales Engineer Associate  
phone: 1.585.482.0300 ext. 216  
fax: 1.585.288.5889  
e-mail: Jmombert@appliedimage.com

For additional electronic or hard copy product images, please contact:

Luke Hobson  
Marketing Manager  
phone: 1.585.482.0300 ext. 236  
fax: 1.585.288.5889  
e-mail: Lhobson@appliedimage.com

Submitted by:

Luke Hobson  
Marketing Manager  
phone: 1.585.482.0300 ext. 236  
fax: 1.585.288.5889  
e-mail: Lhobson@appliedimage.com