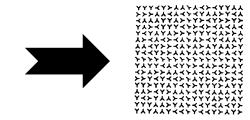
WHAT IS A SIGNAKEY?

• It looks like this



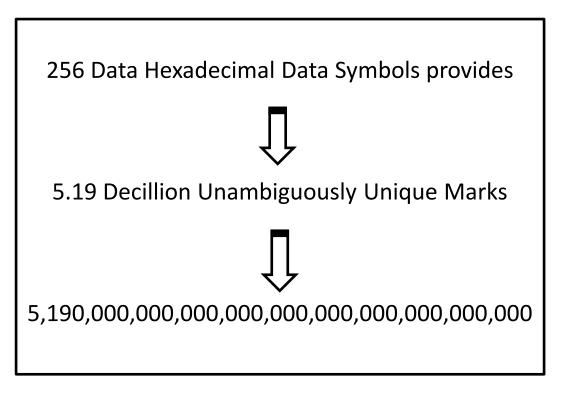
- Uses NSA Suite B, FIPS Compliant, AES 256 Bit, Secure Hash Algorithm Encryption. It is VERY secure!
- 256 Hexadecimal data symbols can make 5.19 X 10³³ unique identifiers.
- NASA estimates there are 3 x 10²² Stars in the Cosmos.
- Can be printed on Label or Laser Marked onto component.
- Fast decode (< 2 seconds) with \$7.95 webcam or Smartphone.

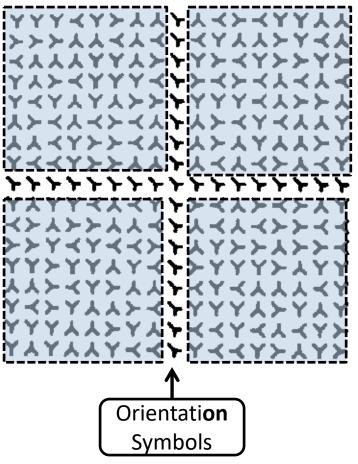


HOW DOES A SIGNAKEY WORK?

Virtually Unlimited Quantities

All 256 Data Symbols Shown

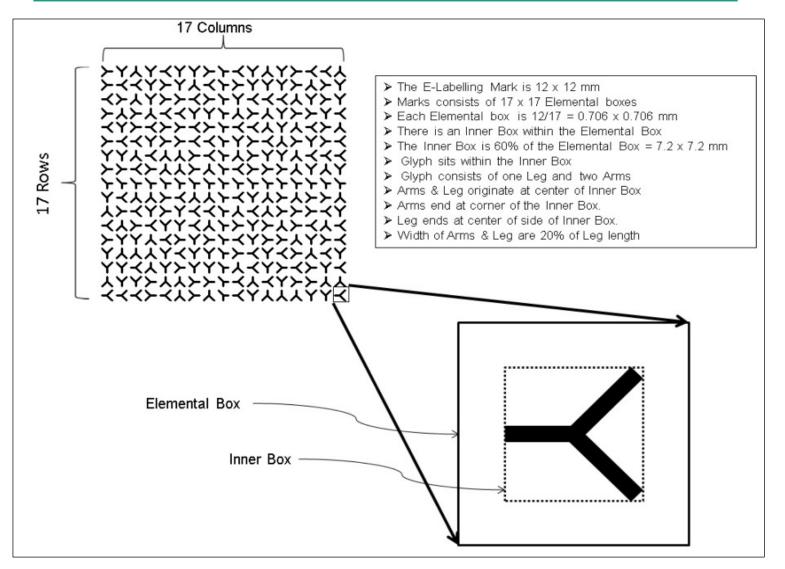




SIGNAKEY MARK IS MADE OF "Y"

- If only these 2 $\begin{cases} \mathbf{k} & \mathbf{Binary equivalent} = 0 \\ \mathbf{Y} & \mathbf{Binary equivalent} = 1 \end{cases}$

WHAT ARE THE INNER DETAILS



Similar to QR Code – Except Safe and Secure – Every e-Label is unique

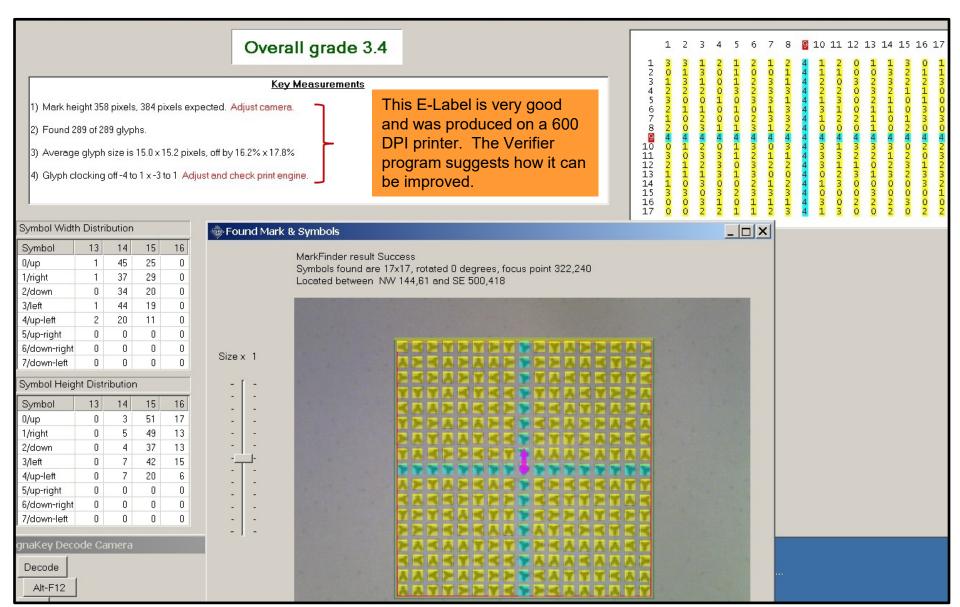
THE PERFECT DIGITAL MARK

🛞 Found Mark Grading

_ □

| | Overall grade 4. | 0 | 1 2 3 4 1 3 0 2 0 | 5 6 7 8 2 10 11 12 13 14 15 16 17 |
|---|--|--|--|--|
| Mark height 384 pixels, 384 pixels Found 289 of 289 glyphs. Average glyph size is 0.0 x 0.0 pixed Glyph clocking off -1 to 0 x -1 to 0 | xels, off by 0.0% x 0.0% | The four Key Measurements shown here combine through a weighting algorithm to provide Grades: 4.0 to 0.0. 4.0 being the highest. 2.0 is the minimum acceptable. | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0 3 2 0 4 0 1 1 1 0 1 2 2 0 0 3 4 1 0 2 3 1 2 3 3 0 1 0 4 3 3 0 3 2 2 2 2 4 </td |
| Symbol 13 14 0/up 10 44 1/right 45 20 2/down 12 63 3/left 51 11 4/up-left 33 0 5/up-right 0 0 | Found Mark & Symbols MarkFinder result Success Symbols found are 17x17, rc Located between NW 133,5 ze x 1 - | Atated 0 degrees, focus point 324,242 1 and SE 516,434 | | |

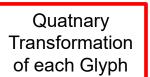
PRINTED WITH 600 DPI INKJET

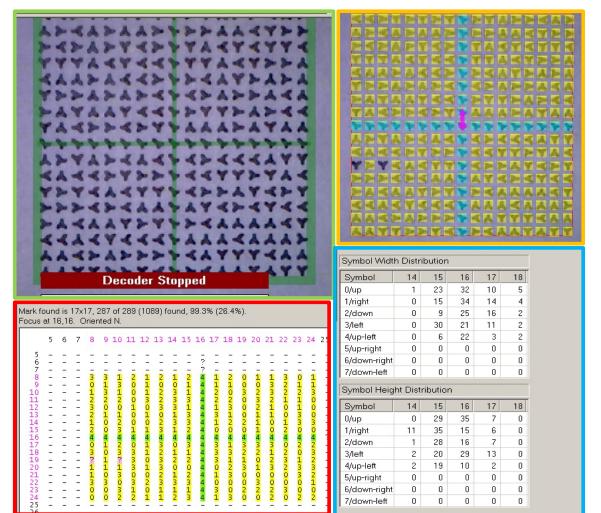


ANALYIS TO OBTAIN A GRADE

This is a 10 x 10 mm Grade 3.0 Mark, Printed on a 6-years old HP Color Laser Jet Printer with 600 x 600 Resolution

Actual View thru camera after decode





Positional Analysis of each Glyph

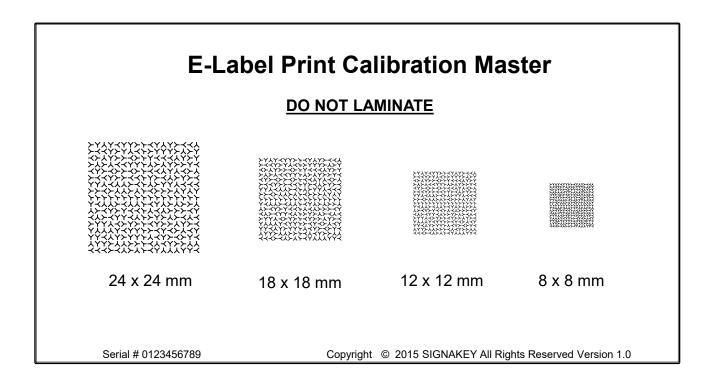
Data Analysis of Pixel size and position

REQUIREMENTS TO PRINT AN E-LABEL

- Minimum 600 DPI Printer
- Minimum: Aven Mighty-Scope Digital Microscope (or equivalent) with 1.3 M.P. resolution, 0 200 X with 6 co-axial LED's.
- E-Label software/App
- Verifier Software.
- ECCC E-Label Print Calibration Master



E-Label Calibration Master



E-Label Print Calibration Masters are digitally printed by Memjet with1,600 DPI Resolutions and will read 4.0 with the verifier if correctly positioned