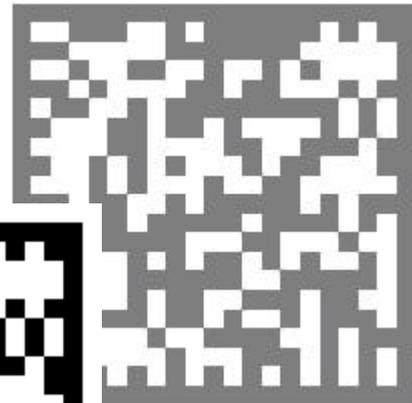
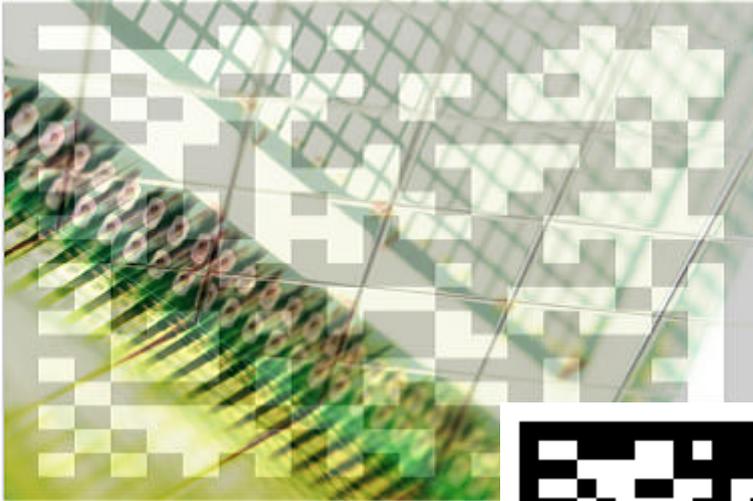


The New 2D Matrix Code

# VSCODE™



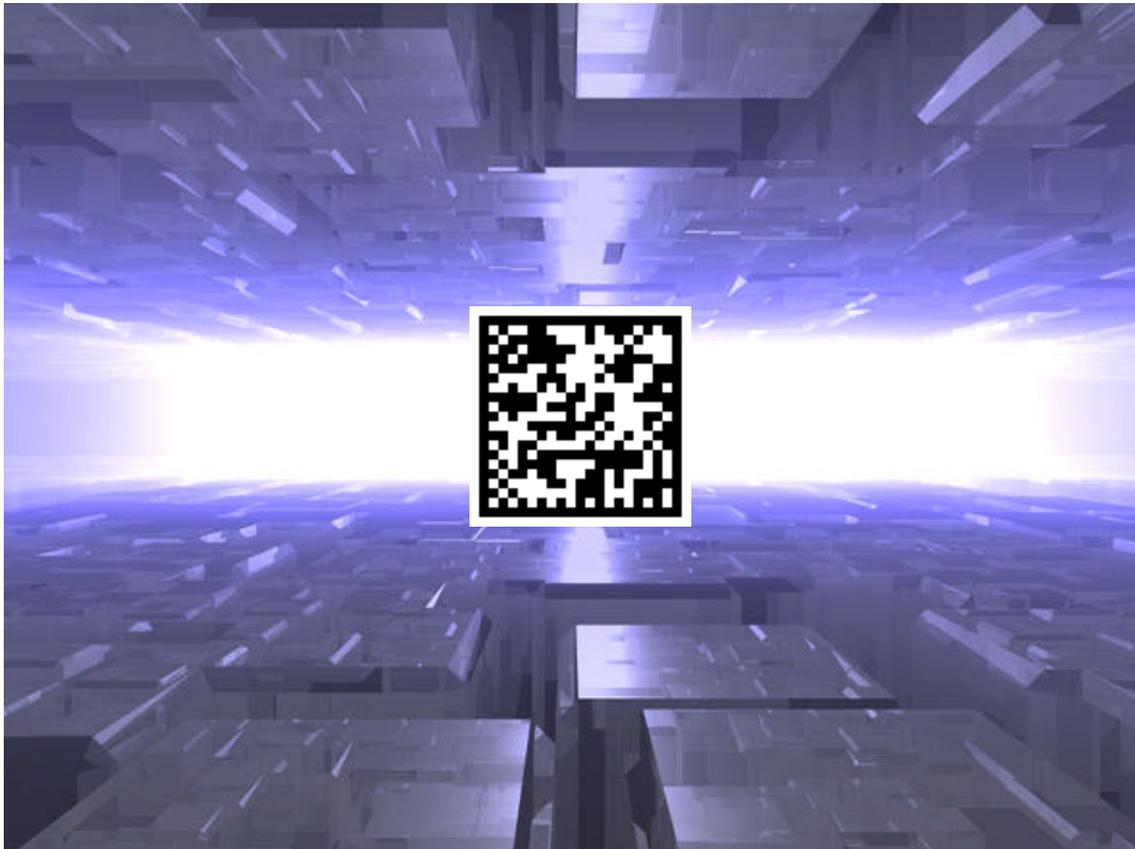
**No.1 Capacity**

**Max. 4,450 bytes**

# The New 2D Matrix Code

## **VSCODE™**

---



VIVI has developed “VSCODE™” -- the best 2D code in the world!!

It changes the way of the business drastically in manufacturing, trade, logistic, medical, financial, security industries.

Stores up to 4,450 bytes of data – the biggest capacity 2D code.

Newest 2D code developed based Vericode®\* to increase the reading speed and reliability.

Effective error correction – all fields except for user and control data fields are assigned to error correction.

Rectangular/square shape is available to fit the print space.



Customize available – able to make non-decodable by other users if necessary.  
(Suitable for security use with its big capacity and user-customization)



### Biggest capacity

The capacity of a 2D code is several dozen or hundred times bigger than barcode. The max. capacity of VSCODE™ is approx. 4,450 bytes.

### Binary data available

You can encode Japanese, Chinese or other characters and binary data such as image data etc. as well as alphanumeric letters.

### Downsizable

Encoding same data to compare the size of VSCODE™ with barcode, the size of VSCODE™ is 1/10 – 1/100 of barcode. It is much smaller than other 2D codes. You can print the code on very small materials.

### Readable from any direction

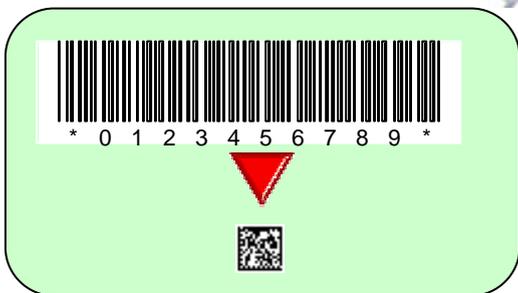
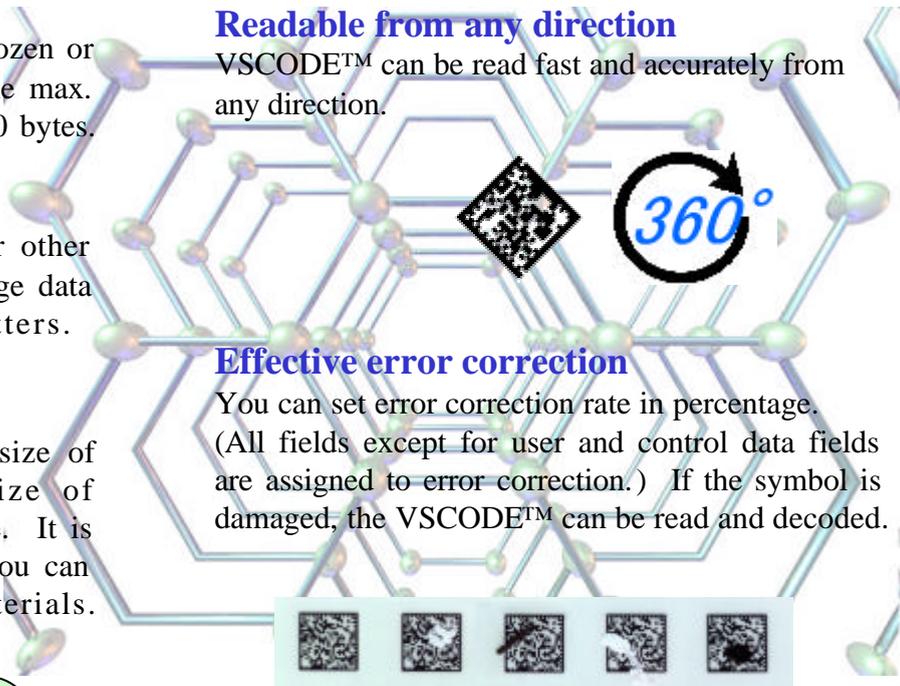
VSCODE™ can be read fast and accurately from any direction.

### Effective error correction

You can set error correction rate in percentage. (All fields except for user and control data fields are assigned to error correction.) If the symbol is damaged, the VSCODE™ can be read and decoded.

### Ciphered in application

Encoding ciphered data into VSCODE™, other people cannot read the data.



## VSCODE™ APPLICATION



Price tag



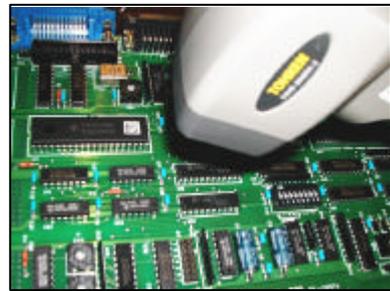
Punch mark



Medical use



Mobile use



For electric parts



Logistic use

# VSCODE™ Products

## Handy scanner



**THIR-3000H**

High resolution handy scanner  
 Various 2D codes readable  
 Non-contact type



**Delphis**

Pen-type handy scanner  
 Various 2D code readable  
 USB connection



[Non-contact pen-type scanner](#)

Coming out in December 2002

Min. cell size 0.1mm

High quality new scanner

## Fixed scanner



Put the screen of a cell phone above this scanner, the 2D code on the screen is decoded immediately.



## Software



Encode software



Decode software

“Encode Library” and “Decode Library” are available for software developers.



Mobile system using PDA

\* The spec. would be change without advance notice.



**Head Office (Japan)**  
 Create Esaka 5F, 13-18 Toyotsu-cho, Suita,  
 Osaka 564-0051, Japan  
 TEL: +81-(0)6-6339-1400 FAX: +81-(0)6-6368-2266

**East Japan Office**  
 2-42-6 Komatsubara, Zama, Kanagawa 228-0002, Japan  
 TEL: +81-(0)462-57-8951 FAX: +81-(0)462-57-8953  
**Head Office (U.S.A.)**  
 9400 Golden Valley Road, Golden Valley, MN 55427 USA  
 TEL: 763-253-2670 FAX: 763-253-0503



2D code “VSCODE™ ”

This code shows  
<http://www.vi-vi.com>

<http://www.vi-vi.com>

