2D

M5

Omnidirectional imaging scanner

This imager scanner provides the versatility to scan different barcodes and 2D images. Extremely aggressive reading performance is combined with different scan modes.

■ Product Features

Versatile Imager
The scan options on the M5 provide additional value in reading linear barcodes and 2D codes on paper or in mobile phone applications. The built-in adjustable stand makes the scan angle easily adaptable to the working environment. The product is designed to be up and running in a short time for a wide range of applications.

Scan operation modes
The integrated auto-trigger function enables hands-free operation and automatic scan initiation. At manual triggering a clear and wide horizontal aiming line eases the manual scan operation.

Mobile mode
The mobile mode supports the feature to read barcodes from mobile phones. Ideal for use in self-service mobile ticketing applications. Switching between mobile mode and (omnidirectional) scanning mode is supported by both manual switch or software command.

Powerful processor
The processor in the M5 supports up to 50 frames per second. This imager rapidly captures barcodes, 2D codes and mobile codes.

Cabled   Wireless   **Stationary**   OEM

OPTICON
always scanning for new ID's

Specifications
M 5 Omnidirectional imaging scanner

Electrical specifications
Voltage requirement: 5 V ± 10%

Optical specifications
Light source: illumination omni-scanning mode 625 nm, illumination mobile mode 633 nm, illumination aiming 525 nm, illumination autotrigger 850 nm

Scan method: CMOS area sensor, 752x480 pixels, gray scale

Scan rate: up to 50 fps

Reading pitch angle: -55 to 0°, 0 to +55°

Reading skew angle: -50 to 0°, 0 to +50°

Reading rotation angle: 360°

Curvature: R>15 mm (EAN8), R>20 mm (EAN13)

Min. resolution at PCS 0.9: 0.127 mm / 5 mil at Code 39 and PDF 417, 0.212 mm / 8 mil at Data Matrix

Min. PCS value: 0.45

Depth of field: at *PDF417* and Code 39 or **mobile code**

0 - 145 mm / 0 - 5.71 in (res. 0.254 mm / 10 mil),

15 - 45 mm / 0.59 - 1.77 in (res. 0.127 mm / 5 mil),

0 - 155 mm / 0 - 6.10 in (res. 0.33 mm / 13 mil),

0 - 140 mm / 0 - 5.51 in (res. 0.26 mm / 10 mil),

20 - 45 mm / 0.79 - 1.77 in (res. 0.127 mm / 5 mil),

0 - 40 mm / 0 - 1.57 in (320x240 pixels)

Field of view: horizontal: 46°, vertical: 30°

Reading mode: omni-scanning, mobile

Communication specifications
Available interfaces: RS232C, Keyboard Wedge, USB(HID/VCP)

Identification
Supported barcode symbologies (1D): JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, IATA, Korean Postal Authority Code, Industrial 2of5, Interleaved 2of5, Matrix 2of5, MSI/Plessey-UK/Plessey, Postal JPN, POSTNET, RSS, S-Code, Telepen, Tri-Optic, USPS, Composite codes

Supported 2D code symbologies: Aztec Code, Aztec Runes, Codablock F, Data Matrix, (ECC200/EC0-140), Maxi Code (mode 2~5), MicroPDF417, Micro QR Code, PDF417, QR code

Functionality
Trigger mode: manual trigger (incl. aiming), auto-trigger

Environmental specifications
Temperature in operation: 0 to 40 °C / 32 to 104 °F

Temperature in storage: -40 to 70 °C / -4 to 140 °F

Humidity in operation: 5 - 95 % (non-condensing)

Humidity in storage: 5 - 95 % (non-condensing)

Ambient fluorescent light rejection: 10,000 lx max

Ambient direct sun light rejection: 50,000 lx max

Ambient incandescent light rejection: 10,000 lx max

Antistatic electricity: 15kV (non destructive)

Shock drop test: 1.5 m / 5 ft drop onto concrete surface

Shock vibration test: 10 - 100 Hz with 2G for 3 hours

Protection (dust and moisture, IEC529): IP 52

Physical specifications
Dimensions: 90 x 96 x 139 mm / 3.54 x 3.78 x 5.47 in

Case material: ABS

Weight body: Ca. 295 g / 10.4 oz

Available colors: Black/White

Regulatory
Product compliance: CE, FCC, VCCI, RoHS

Enclosed items
Power supply 5V (for RS232 and Keyboard Wedge)

Conditions
To be determined: Availability & Ordering quantity

B_M5_002

- **The Netherlands:** Hoofddorp
- **France:** ISSY Les Moulineaux CEDEX
- **Germany:** Dietzenbach
- **Italy:** Castel Maggiore (BO)
- **Spain:** Valencia
- **Sweden:** Järfälla
- **United Kingdom:** Luton, Bedfordshire
- **U.S.A.:** Orangeburg, NY - Seattle, WA
- **Japan:** Warabi City

- **Taiwan:** Taipei
- **P.R.China:** Shanghai
- **Australia:** Kariong

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OPTICON
always scanning for new ID's

About BarcodesInc

Who We Are

BarcodesInc is North America's leading provider of •]^&ã¤ã^åÅã°ã¯ã¡¤Åããæãæ¯A@á¸ æ¦^Á¾ åÁ^[¬ç¸æ¦^Á[|¯ã¬]}•ÉZÛ¯¦Á p¦[å¯&¬Áã&]¯å^Å¾á¦å¯Å¦&æ}}^|•Éã[àã^Å¦{]¯ã¬]*Åã^çã&^•Éã¾^}ã¢ãã¦&æ¤]}¦& á¾¦åÁ¯¯ã{^}Éã[ã¢ÉÏÆæ¦^Á •¯•¢^ç{•Éããæ¦&[å^Á¾á¦^|Á¾åÁ^&ã¸ç|¦ã¬•|•Éã¾¦å¦}•¯{æá|^•Éã¾¦Á-Á@&@¤@•]]Å&¯•¢{^|•Á¤]¦[ç^Á¦|[å¯&ã¢ã¯Á æ¦åÁ¦¦[-ã¢¾á¦ã¯ÉZÛ¯¦Á¦¦[å¯&ã¾á¦å¦[|¯ã¬]}Á^¢]^|ã^Á@æ¬^Á¾^^}Á^¢¦çã*Å¦[ã@Á{æ¦|Á¾•ã¬^••^•Å¾ã¾åÁ¾æ¦*^Å^}ç^¦]¦ã^•Á •ã¬&^ÁÆJJI É

We Owe Our Success To You

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Why Choose BarcodesInc?

Dedicated Account Â ÚbÙ̦ Yf

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the sameÅãæ È

Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer serviceÅ^æ¦ È

Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.