HHP

IMAGETEAM™ 4710HD/HD10
Fixed Mount 2D Image Reader

The HHP IMAGETEAM™ (IT) 4710 Image Reader can be configured as either a hand held or fixed mount device that reads matrix, stacked linear and conventional linear bar codes, as well as a single line of OCR-A and OCR-B fonts. Multi-line OCR applications can also be read. The IT4710 has the power to capture and download images to a PC for applications that include signature capture, PC-based decoding, and image lift requirements.

The IT4710 Reader can be used in retail, transportation, packaging, printed circuit board manufacturing, electronic component manufacturing, and clinical/diagnostic applications that include test tube and reagent package labels.

The IT4710 can be configured for keyboard wedge, HHLC (Code 128 emulation), TTL, or True RS-232. The IT4710 connects to all popular PCs and portable data terminals. HHLC mode can be used with external wedge decoders and portable terminals or other devices without 2D decoding capability.

The IT4710 features integrated processing for a one-piece scanning solution -- no additional boxes or electronics needed. The reader provides omni-directional and auto-discrimination decoding for symbologies, such as MaxiCode, PDF417, QR, Data Matrix, Aztec code, RSS code, composite codes, postal codes, Code 39, Code 93, Interleaved 2 of 5, Codabar, Code 128, UPC, and EAN. Additional symbologies will be added based on market demand.

Because the IT4710 is a fixed focus device, four product models with different focal points are available. Two high density scanners are available: IT4710HD and IT4710HD10. The IT4710HD, with a focal point of 2 inches, is recommended when the matrix symbols are less than 10 mil. The IT4710HD10 is recommended for applications when the matrix codes are greater than 10 mil. This version, with a focal point of 3 inches, maximizes the depth of field on 10 mil matrix codes, which directly correlates to greater functionality by the end user. The long range (LR/LX) models of the IT4710 are highlighted in separate data sheets.

To learn how the IT4710HD or IT4710HD10 can work for you, contact us at any of the locations listed on the back or visit us at **www.hhp.com**.

Features

2D Image Reader - Hand held or fixed mount image reader for reading and decoding 2D symbologies, and capturing images.

Supports All Popular 2D Symbologies - Fixed mount IT4710 supports all popular matrix and stacked linear symbologies: MaxiCode, Aztec, Aztec Mesa, Data Matrix, PDF417, QR, and MicroPDF417.

Fixed Position Reader - Opens up new 2D bar code and image capture possibilities for fixed scanning applications.

Omni-Directional Scanning - The video technology offers omni-directional scanning, even on linear codes, greatly simplifying operator training and increasing productivity.

Aiming - The IT4710 has a bright, intuitive aiming line.

Autodiscriminates Between Supported Symbologies and Fonts - Reads all major linear, stacked linear, and matrix bar codes as well as machine readable fonts used in Optical Character Recognition (OCR).

2D Print Quality Assessment (PQA) - An easy and inexpensive approach to providing test results useful for 2D bar code symbol process control, and improvement of the overall 2D data acquisition system.

Upgrade your image.

Performance

HD Focal Point: 2 inches from nose
HD10 Focal Point: 3 inches from nose

HD Working Range: (typical)	6 pt OCR 20 cpi	6.6 mil QR (.017 cm)	6.6 mil Data Matrix (.017 cm)	4 mil Linear (.01 cm)
Near	2 in. (5.1 cm)	1.7 in. (4.3 cm)	1.7 in. (4.3 cm)	1.6 in. (4.6 cm)
Far	3.5 in. (8.9 cm)	2.45 in. (6.2 cm)	2.45 in. (6.2 cm)	2.7 in. (6.9 cm)

HD10 Working Range: (typical)	10 mil QR (.025 cm)	10 mil Data Matrix (.025 cm)	5 mil Linear (.013 cm)
Near	2.0 in. (5.1 cm)	2.2 in. (5.6 cm)	2.75 in. (7.0 cm)
Far	4.0 in. (10.2 cm)	3.8 in. (9.6 cm)	3.75 in. (9.5 cm)

Rotational Sensitivity: 360°
Viewing Angle: $\pm$45°
Ambient Light: Total darkness to 100,000 lux (full sunlight)
Aiming: 660nm LEDs provide bright aiming line

Symbologies

2 Dimensional: MaxiCode, PDF417, MicroPDF417, Aztec, Aztec Mesa, Data Matrix, QR Code, Code 49, UCC Composite, Snowflake*, Vericode*, Dataglyphs*

Linear: Code 39, Code 128, Codabar, UPC, EAN, I 2 of 5, RSS, BC 412*, Code 93, Codablock
* available to licensed users only

Postal: Postnet (US), BPO4 State, Canadian 4 State, Japanese Post, KIX (Dutch Post),Planet Code

OCR Fonts: OCR-A, OCR-B

Interfaces: RS232, Wedge, and HHLC (Code 128 Emulation)

Programmable Options: Baud, Parity, Data Formatting, Code Options

Mechanical/Electrical

Dimensions
Length: 4.85 in. (12.3 cm)
Height 1.85 in. (4.7 cm)
Width: 2.50 in. (6.35 cm)
Weight w/o cord: 5.5 oz. (156 g) or less
Power Requirements: 4 to 9 volts
Current Draw: Low Power Mode - average @ 5 VDC-40mA
Medium Power Mode - average @ 5 VDC-125mA
High Power Mode - average @ 5 VDC-175mA
Standby Current: < 200µA @ 5V

Environmental

Temperature
Operating: -0°C to 50°C
Storage: -40°C to +70°C
Humidity: 95% RH, non condensing at 50°C
Shock: 10 drops 5 ft. to concrete @ room temperature
ESD: Functional after 15KV discharge
Agency: FCC Class B, CE

CE Complies with EMC 89/336/EEC
and LVD 73/23/EEC

BarcodesInc

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About BarcodesInc

Who We Are

BarcodesInc is North America's leading provider of •]^&ãæ]ã^åÁåãã ãæ]Áåæœæ¦@œ¦å¸ æ¦^Áæ]åÁ^[¬ç¸æ¦^Á[ˇœ]}•ÁU˘¦Á p¦[å˘&œ¦Áã&¦å^Áå^Á¦æœ¦å[å^Á&æ]}^¦•Á¦[àã¦^Á&¦{]ˇœ]*Á¦^çã&^•Á¦ã^}œãㅃæœ¦]}&œåÁå˘ˇㅃ{^}åㅃㅃˇ-É�-œæ¦^Á•¦^¬c^{•Á¦ã¦ææ¦å^ÁÁ¦æœ^|Áæ)åÁ^&ㅃ¦oÁ¦ã¦c^¦•Á¦ã¦æ)åÁå&¦}•¦{¦ ã{¦ãㅃ À¦@ã&@/@•]]/&¦•¦{¦^¦•Áㅃ]¦¦[ç^Áã¦¦[å¦&æ¦ãㅃ æ)åÁÁㅃㅃ-ㅃㅃ¦ÉÁU˘¦ㅃㅃ[å˘&ㅃ¦Á[¦ˇœ]}¦Á¦çㅃ¦¦çㅈ¦æㅈㅃㅃÁ¦¦^&ㅈˇㅈ¦[c@¦{æㅈㅃㅃ˘ㅈㅃ^••^¦ãㅈㅈㅈㅈ*^Á}c¦¦]]ㅈㅃ^•Á •ㅃ&^Á1991È

We Owe Our Success To You

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Why Choose BarcodesInc?

Dedicated Account Support

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 same day.

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 service team.

Easy Returns

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