

V410-H Handheld Barcode Reader Product Guide



Overview

The Omron V410-H high resolution handheld barcode reader family provides a powerful, compact, and easy to use solution for a broad range of applications. With Omron's proven X-Mode scanning algorithms that provide reliable readability of even the most difficult codes, including direct part marks, the XD model delivers a solution that can be used to provide traceability throughout the industrial manufacturing environment, and can read the smallest of barcode symbols. The SR model provides outstanding read range, while the HC model is designed for use in Life Science lab and hospital environments.

All three versions are used with the WebLink PC intuitive configuration and run-time viewing utility that works with any Windows enabled device.

Applications

- Automotive powertrain assembly and test
- Clinical or laboratory instrumentation
- Food and beverage packaging and logistics
- Consumer package goods manufacturing
- Printed circuit boards and components

Primary Benefits

- Traceability and process optimization via lot and unit level quality tracking
- Automated capture and transfer of barcoded data on labels and direct part marked products
- Automation and accuracy assurance of laboratory samples

Key features

- Labels or Direct Part Mark barcode reading
- High resolution 1280 x 800 pixels
- Read ranges from contact to 28 inches
- Intuitive and insightful WebLink PC utility and run time with image storage, statistics, reader discovery, troubleshooting and extensive tool tips
- Full control of photometry, lighting, decoding, and trigger settings via WebLink PC or barcode based configuration
- IP42 protection category
- Advanced X-Mode decoding algorithms
- Ergonomic and easy to use via green aiming LED and good read feedback via LED, beep or handle vibration
- Optional Ethernet connectivity via external convertor

V410-H Product Selection



	V410-H XD	V410-H SR	V410-H HC
Part #	V410-HDS4608XD	V410-HDS4608SR	V410-HDS4608HC
Decoding Algorithms	1D/2D, X-Mode	1D/2D	1D/2D
Read Range (10 mil DataMatrix)	0 - 12 cm 0 - 4.6 in	2.5 - 29 cm 1 - 11.5 in	0.5 - 24 cm 0.2 - 9.5 in
Communication	RS-232 / USB	RS-232 / USB	RS-232 / USB
IP Rating	IP52	IP52	IP52
Other	Direct Part Mark and Labels	Labels only	Healthcare / Disinfectant resistant

Accessories and Required Cables

Type	Part #	Description
Cable (Required)	V410-WUB-2M	CABLE ASSY, UNIVERSAL STYLE 3 USB, 2m, SHIELDED MOD PLUG -V410-H
Cable	V410-WR-2M	CBL ASSY, RS232, DB9F, 2m, for connection to communication module or PLC
Power Supply	V410-AC0-1	Power Supply required for V410-WR-2M RS-232 Cable
Intelligent Stand	V410-AS0	Stand/holder for using in Hands-free mode
Communication Module	OEI-EA3600-R1CP-11	Serial to Ethernet TCP and EIP DIN rail mounted converter
Cable	OEI-CBA-RF2-CO9ZAR	2m Serial Cable for OEI-EA3600