Ultra-small Code Reader Automatically Recognizes Major Linear and 2D Codes

Omron Electronics introduced an ultra-small, fixed mount multi-code reader, model V400-R, that automatically recognizes commonly used bar codes and 2D matrix codes. Measuring 58 mm × 46 mm × 24.2 mm, the palm-size metal body reader mounts almost anywhere, and the combination of flexible mounting orientation and front view or side view models gives the V400-R a scanner versatility for setup. A built-in aiming guide (green LED) quickly locates the reading area for recognition within a 60 mm working distance and 52 mm × 41 mm field of view. The reader scans codes twice to reduce discrepancies and ensure data accuracy even if the code is oriented in reverse. The reader also offers the industry's lowest current consumption in both standby and operation modes, according to the company. The V400-R reader integrates a visible red LED light source with 1.3 mega-pixel CMOS imaging (1280 x 1024 pixels) for accurate reads of 14 standard bar codes and 2D codes. It automatically recognizes the following commonly used symbologies: Bar Code: JAN/EAN/UPC (A, E), CODE39, NW-7, ITF Industrial2of5, CODE93, CODE128 (including EAN128), RSS — resolution of 0.1 mm 2-D Code: DataMatrix (ECC200), QR Code, Micro QR Code, PDF417, RS — resolution of 0.169 mm. Setting the V400-R functions can be done by menu sheet scanning or by host command method using a signal from either a PC or an Omron PLC. A built-in "read" LED indicator and internal buzzer provide both visual and audible indication when the imager reads a symbology. A manual scan test button commands the imager to perform a test read without having the imager connected to a logic system to safely troubleshoot the device and isolate faults. The V400-R Multi-Code Readers are available from stock in side view and front view models starting at $1,500.00. A cable to connect the reader to a PC or PLC must be ordered separately, starting at $123.50.

Omron Electronics
866-886-6766, www.omron.com [1]

Source URL (retrieved on *04/18/2015 - 4:21am*):
http://www.ecnmag.com/product-releases/2008/08/ultra-small-code-reader-automatically-recognizes-major-linear-and-2d-codes

Links:
[1] http://www.omron.com/