

OEM Embedded Data Collection

Barcode, RFID, Vision Systems and Gateways

For over 25 years **Diamond Technologies** has provided data collection solutions that improve our customers' medical devices, analytical and lab instrumentation, kiosks and a range of other OEM systems and devices.

Our design and customer support engineering team can work as an extension to your engineering group to shorten your development schedule and optimize your solution.

If needed **Diamond Technologies** can customize our existing solutions to meet your specifications and support you from prototyping to production.



Our embedded barcode readers, RFID readers, vision systems, and gateways lead the industry in accuracy, reliability, ease of integration and ease of use.

Whether you are designing systems which need identity verification, sample tracking, consumables authentication, or your goal is to increase throughput, or traceability, **Diamond Technologies** has the devices and the engineering support to ensure your success.

Diamond Technologies RFID solutions eliminate the use of counterfeit disposables in testing and analysis systems.

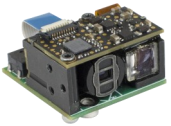
Vision systems can also be used to identify differences in samples and/or incorrect packaging, and to validate lot and date code.



Diamond Technologies embedded barcode readers provide an easy to use positive customer interface experience. Numerous customer feedback options increase use and throughput of your kiosk or customer facing system. Our embedded controller gateway can be used for small machine control and bridging multiple communications interfaces or as a single interface to multiple barcode readers.

Product Offering

Diamond Technologies has a wide range of embedded barcode readers, RFID readers, hand held barcode readers, vision systems and embedded gateway controllers . The table below provides examples of some of the most popular solutions. See www.DiamondT.com for additional solutions.



DE01 Scan Module, 1D, smallest in its class, wide beam scanning for test tube and long codes.



DE02 Scan Module, 2D, high motion tolerance, 30fps, small form factor.



DE05 Scan Module, 1D/2D, integrated decode library, USB RS232 and UART output.



DE07 Scan Module, 1D/2D ultra slim, 1 mega pixel sensor, global shutter, RS232 USB and UART output.



MIN-E-xlx Scan Module, 1D/2D, narrow space saving form factor, Micro USB compatible



DSE0420-DTxx Scan Module, 1D/2D, high motion tolerance, low profile, USB, integrated beeper, integrated trigger



DSE425x-M Scan Module, 2D, high motion tolerance, cell phone scanning optimized, UART, or USB interface.



MIN-E-xRD Scan Module, 2D, narrow space saving form factor, side cable entry, enclosure and board level models



MIN-E-xEJ Scan Module, 2D, high motion tolerance, UART, USB, RS232.



DSE425x-E Scan Module, 2D, high motion tolerance, cell phone scanning optimized, USB, Serial interfaces.



DE23 Scan Module, 2D, Serial interface, integrated beeper, integrated trigger, 30fps,



DE27 Scan Module, 1D/2D, 1 mega pixel sensor, global shutter, RS232, USB, UART



DT7000 HF/UHF reader module, integrated I/O and communications , multiple antenna support



Creo XR hand held corded 2D barcode and RFID scanner, 1MP resolution, High and Low RFID Frequencies, IP54, USB,



DE03 Scan Module, 1D/2D, 1 Megapixel, 120fps, ultra small form factor, USB, RS232, UART



DT7000 Embedded Controller gateway for small machine control and communications interface.



EVIinspection Embedded vision inspection platform, customizable software, reads liquid levels, object detection, presence detection, impurity detection, and more.



Creo 2D hand held corded image scanner, perfect for OEM machine and system applications, healthcare features, IP54 rating, Antimicrobial surface