QX Hawk

Embedded Ethernet & Ultra-Lock Connectors

IP65/67 Enclosure

X-Mode Technology

Laser Target Pattern

Liquid Lens System

Compact Shape/Size

RoHS • WEEE COMPLIANT

Flexible, Industrial Imager for Auto ID

The QX Hawk is the world's first imager to be fully integrated with liquid lens technology, enabling infinite focus flexibility. Bridging the gap between ease of use and performance, the QX Hawk features a high resolution modular optical zoom system, aggressive X-Mode decoding, and simple plug and play connectivity. The QX Hawk imager easily reads any barcode or 2D symbol, including challenging 2D direct part marks (DPM), in any environment, within seconds of installation.

QX Hawk: At a Glance

- Decodes/second: up to 60
- Read Range: 1" (30 mm) to Infinity
- Liquid Lens Autofocus & Modular Zoom
- Integrated Ethernet Networking

ESP® Easy Setup Program: Single-point software solution provides quick and easy setup and configuration of all Microscan readers.

EZ Button: This performs reader setup and configuration with no computer required.

Visible Indicators: Performance indicators include "good read" green flash and LEDs.

QX Platform: Quick Connect system and X-Mode technology combine to provide simple connectivity, networking, and high performance decoding.

For more information on this product, visit www.microscan.com.

Decode Any Symbol
Using best-in-class X-Mode decode algorithms, the QX Hawk consistently captures everything from low contrast, damaged, or otherwise challenging direct part marks, to a high density 3.3 mil Data Matrix, to a very large linear barcode.

Powerful Performance
The QX Hawk is powered by a dual core ARM/DSP processor to allow both high speed image capture and real time configuration and communication. The embedded processing, combined with three high speed inputs/outputs directly from the reader, enable the QX Hawk to provide line level control functions.

Ease of Use
In addition to a compact size for flexible positioning, the QX Hawk includes visible LED indicators, targeting laser pattern, "good read" green flash, and an EZ button for instant setup and configuration.

Advanced Optical System
Advanced imaging technology includes a high resolution modular optical zoom system that enables the QX Hawk to read marks at distances from 20 mm to 2 m and beyond. Combined with patent pending liquid lens autofocus, the QX Hawk can easily cover almost any auto ID application.

Ethernet Protocols
Integrated Ethernet protocols are included for high speed communication.

Rugged Design
The QX Hawk features a rugged industrial design with a cast alloy IP65/67 enclosure and M12 connectors.

Application Examples
- Printed circuit boards
- Electronics and semiconductor manufacturing
- Automotive
- Aerospace
- Medical devices

QX Hawk: Available Codes

Linear	All Standard	Postal Codes	
Stacked	MicroPDF	PDF417	GS1 Databar
2D	Data Matrix / QR	Micro QR / Aztec	Maxicode

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