

MINI HAWK



Ultra-Compact Autofocus Imager

The MINI Hawk is a powerful miniature imager that solves a wide range of data tracking and traceability needs across all industries. It provides aggressive barcode reading algorithms and easy setup for any 1D, 2D, or direct part mark (DPM) application. Reliable decoding is ensured through X-Mode technology, which reads damaged or difficult symbols with no configuration or setup required.

With easy setup, powerful image processing, and multiple configurations, the MINI Hawk is an ideal solution for any barcode or DPM application.

MINI Hawk: At a Glance

- Decode speed and read range: Varies by model
- X-Mode Decoding Technology
- Autofocus
- Optional USB Connectivity

MINI Hawk 3MP: 3 megapixel resolution imager

MINI Hawk HR: High resolution imager

MINI Hawk HS: High speed imager

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

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

GOOD READ Visible Indicators: Include "good read" green flash, LEDs and symbol positioning tool.

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

MINI Hawk: Available Codes

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

X-Mode Technology

Our patented X-Mode technology provides easy setup and deployment in any application. In addition to reliable decoding of damaged or difficult linear codes and 2D symbols, the MINI Hawk features advanced decode algorithms to read a wide range of direct part marks.

Flexibility

Multiple resolutions are available to provide solutions to a wide range of applications.

Wide Field of View

Read symbols as large as 2" (50.8 mm) square as close as 1" (25.4 mm) with diffractive field illumination and optional right angle mirror.

Compact and Lightweight

Miniature form factor fits easily in tight spaces, and is lightweight for mounting into robotic applications.

Autofocus

For real time dynamic autofocus, position the symbol at the center of the field of view, and push the EZ button. The MINI Hawk automatically adjusts focal distance and sets internal parameters to optimize the symbol.

Application Examples

- Assembly line manufacturing
- Component tracking
- Automotive
 - Dot peen mark on power-train components
 - Laser marks on automotive electronics components
- Medical devices
 - Laser marks on components
- Electronics
 - Laser markings on printed circuits boards, flex circuits
- Semiconductors
 - Laser marks on packages and components

