



Simplifies Reading Direct Part Marks

Give your handheld imager the performance of a fixed reader with Microscan's patented LightRay Optics. The LightRay Optics makes even very low contrast Data Matrix codes quick and easy to read. All the user needs to do is position the reader and squeeze the trigger.

- **Field Detachable**
- **No Training Required**



MS-Q with LightRay 100



MS-Q with LightRay 200

Patents: U.S. 6,352,204 and 6,854,650

Read Challenging Codes with LightRay Optics

Many of these codes are not readable with standard lighting. Using Microscan's patented LightRay Optics, even low contrast codes and codes marked on textured surfaces are easy to read.

	Without LightRay	With LightRay					
			Chem Etch on Curved Surface				
			Laser Etch on Brushed Metal				
			Dot Peen on Metal				
			Dot Peen on Metal				
			Ink Jet on Plastic				
			Ink Jet on Glass Epoxy				
			Ink Jet on Glass Epoxy				
			Laser Etch on Shiny Metal				
			Laser Etch on Scratched Metal				

The LightRay Optics makes it easy to read direct part marks created with these marking methods on the most challenging substrates and part geometries.

Textures & Geometries



Cast Iron



Plastic



Concave



Convex



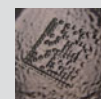
Shiny



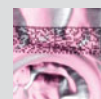
Brushed



Curved



Paint



Foil

Marking Methods



Chem Etch



Ink Jet



Laser Etch



Dot Peen