



# Application Sheet

## Automated High Speed Bar Code Scanning

Overhead, or over-the-belt bar code scanning is a mature market, with systems in operation for over 20 years. Consequently, the product selection criteria hinges not on whiz-bang features, but rather on delivering good performance at a good price. Metrologic has established its reputation on exactly that - good (oftentimes best) performance, at a better price.

Metrologic's leading products for overhead scanning are:

- iQ® 160 Fixed-focus camera
- iQ® 185 Variable and Fixed-focus camera
- iQ® Trace height profiler
- iQTroller® computer/hub
- Best-in-class Omniplanar decode software

The iQ-series cameras use a unique, laser-line illumination system that generally results in greater instantaneous depth-of-focus (DOF) than competing cameras. In a sense, it represents a hybrid of a laser scanner (although the laser line is fixed, as opposed to "scanned"), and a conventional camera. That increased DOF translates into higher read rates on non-ideal package shapes.

For systems requiring the 36" DOF of the iQ185, we provide the iQTrace height profiler. It dynamically maps the "terrain" of the package stream to focus the camera in real time. Both

cameras work at speeds of up to 600 feet/min.

Our iQTroller is a customized industrial computer designed for overhead and tunnel scanning applications. It executes the Omniplanar bar code decode application, and has a built-in Ethernet hub for extensive network connectivity. It also supports real-time JPEG image compression and storage of tens of thousands of no-read images to help diagnose problems without a separate image storage component.

Finally, Metrologic stands by its customers with unmatched service and support. Founded in 1968, we've had consistent year-over-year sales growth in 34 out of 38 years. We've been listed on the NASDAQ since 1994. Many of our customers have complimented us on our responsiveness - accelerating deliveries or being able to directly access our Applications and Field Support engineers - should the need arise.

If you are looking to upgrade or implement an overhead scanner for sorting, inventory tracking, shipping or receiving, give us a call.

Metrologic...We Really Work for You.

