

At a Glance

PPT Vision M-Series cameras are designed for fast integration of challenging machine vision applications. The ability to combine line scan cameras—with their unique inspection capabilities, with color and gray-scale cameras and with an M-Series processor—results in a custom, integrated machine vision solution.



M510



M560

Why Line Scan Cameras?

A line scan camera builds a complete image, line by line, as a product moves in front of it.

Capabilities

- Inspects discrete parts on a web
- Captures undistorted views of cylindrical objects
- Reduces lighting complexity
- Provides high-resolution images
- Requires minimal amount of object in field of view

Features

- Includes C or F mount lensing options with 1K and 2K line scan cameras
- Captures 10 micron pixel size
- Allows for selectable exposure control and synchronization
- Scans up to 56,100 lines per second
- Allows PPT software to fully control camera settings
- Compatible with a full selection of lenses, lighting and filters

Specifications

MODEL	RESOLUTION	IMAGER SIZE	MAX. LINE RATE
M510	1024 pixels	10.24 mm	18.7 KHz
M520	1024 pixels	10.24 mm	35.7 KHz
M530	1024 pixels	10.24 mm	56.1 KHz
M540	2048 pixels	20.48 mm	9.7 KHz
M550	2048 pixels	20.48 mm	18.7 KHz
M560	2048 pixels	20.48 mm	29.2 KHz

Benefits

- GigE compatible for fast integration with M-Series processors
- Trigger I/O on camera eases integration
- Compact (62 mm x 62 mm x 54.5 mm) size fits many machine configurations
- Supports multiple encoder configurations with direct digital input
- IP30 rated housing
- CE and FCC compliant
- Requires Impact Software 10.1 or later