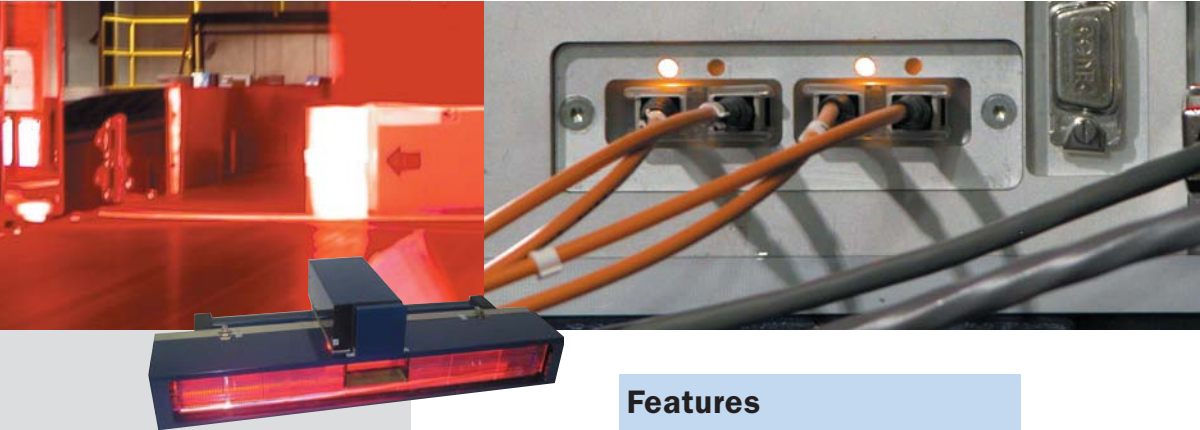


MVS 5500

Modular Vision System



Stocked, Distributed, and Supported by

SENSORS
INCORPORATED

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Features

- Low-power solid state design
- Luxeon LED illumination modules
- Fresnel lens design
- Conveyor speeds up to 600 ft/min
- OCR quality images
- Exceptional lifetime
- Low annoyance factor
- No fans or filters

The MVS 5500 Modular Auto Focus Vision System from SICK is designed for most linear bar code, 2D code and OCR applications. The camera offers unsurpassed performance and image quality in a compact design, even at the highest conveyor speeds. One- to six-sided tunnel configurations are available for virtually any type of parcel sorting application.

Equipped with Auto Focus, LED illumination and a fiber optic interface, these cameras can be used in a variety of installations, from simple scan applications (parcels, smalls, flats, letters, etc.) to volume measurement and clear area detection to cutting-edge OCR and Telecoding solutions.

The fast Auto Focus unit of the camera is able to quickly cover a large depth of field (up to 55 inches) within milliseconds, allowing it to scan singulated parcels of different heights. In multi-sided tunnel applications, our delivered solutions are capable of providing industry leading image resolution. Further, the MVS system architecture offers the advantage of reliable bar code reading independent of package rotation. This unique capability increases throughput and reading accuracy to boost productivity in any environment.

Technical Specifications

MVS 5500	
Auto Focus Region	63...110 in (1600...2794 mm)
Lenses	41 in (105 mm); 5.3 in (135 mm) (optional)
Pixel Frequency	Up to 160 MHz
Line Scan Frequency	min: 2 kHz; max: 23 kHz
Sensor Sensitivity	130 klux
Image Width	At 110 in (2794 mm): 33.5 in (851 mm) At 74 in (1880 mm): 22.5 in (572 mm)
Resolution	At 110 in (2794 mm): 180 dpi (0.14 mm, 5.5 mil) At 74 in (1880 mm): > 250 dpi (0.10 mm, 4 mil)
Interfaces	CAN bus, Parallel I/O port, Gigabit Interface (fiber optic)
Bandwidth GigaBit Interface	Single port: 125 MB/s; Dual port: 250 MB/s or 2 x 125 MB parallel
Power Consumption	115 V AC / 3 A
Dimensions (L x W x H)	40 x 8.5 x 9.5 in (1016 x 215.9 x 241.3 mm)

