



Designed for use in

- Auto Body Repair and Paint Shops
- Service Stations
- Marine Fuel Dispensing Stations
- Commercial Garages
- Aircraft Hangars
- Laboratories
- Dry Cleaning Plants
- Bulk Storage Plants
as well as
- Other Class I, Division II Areas

Eye Com 8100

Hazardous Location Reader

The Eye Com 8100 features lenses to read virtually all microfiche formats, long-lasting halogen lamp for bright, easy-to-read image, a unique floating lens system for constant focus over the entire film area and fanless convection cooling for absolutely silent operation.

1-800-558-2153
(262) 367-1360 Fax (262) 367-1362
www.eyecom.com

A MEDIA INDEPENDENT DOCUMENT MANAGEMENT COMPANY



Eye Com 8100

Hazardous Location Reader

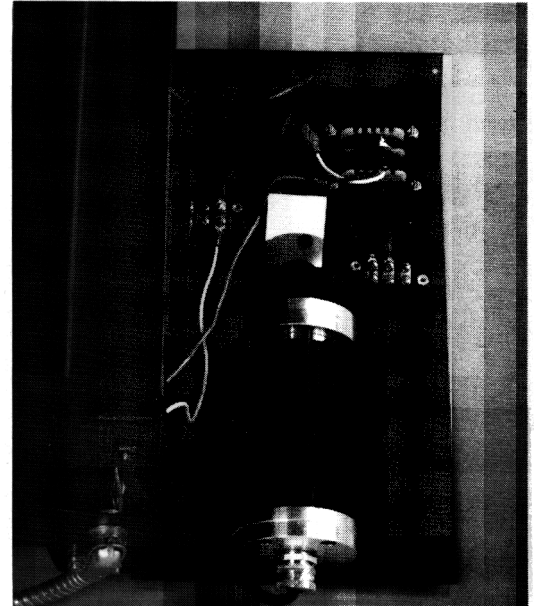
The Eye Com 8100 Microfiche Reader for Hazardous Environments. U.L. Listed for Class I, Division II, Group D (Reference National Electric Code, Article 500 — see excerpt below).

Excerpted from the National Electric Code, Article 500: Class I, Division 2. A Class I, Division 2 location is a location (1) in which volatile flammable liquids or flammable gases are handled, processed, or used, but in which the liquids, vapors, or gases will normally be confined within closed containers or closed systems from which they can escape only in case of accidental rupture or breakdown of such containers or systems, or in case of abnormal operation of equipment; or (2) in which ignitable concentrations of gases or vapors are normally prevented by positive mechanical ventilation, and which might become hazardous through failure or abnormal operation of the ventilating equipment; or (3) that is adjacent to a Class I, Division II location, and to which ignitable concentrations of gases or vapors might occasionally be communicated unless such communication is prevented by adequate positive-pressure ventilation from a source of clean air, and effective safeguards against ventilation failure are provided.

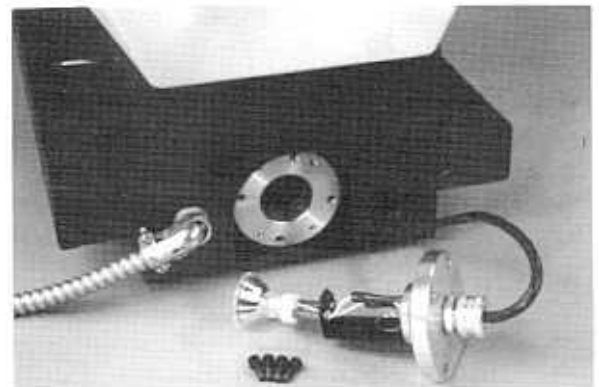
(FPN): This classification usually includes locations where volatile flammable liquids or flammable gases or vapors are used, but which, in the judgment of the authority having jurisdiction, would become hazardous only in case of an accident or of some unusual operating condition. The quantity of flammable material that might escape in case of accident, the adequacy of ventilating equipment, the total area involved, and the record of the industry or business with respect to explosions or fires are all factors that merit consideration in determining the classification and extent of each location.

(FPN): Piping without valves, checks, meters and similar devices would not ordinarily introduce a hazardous condition even though used for flammable liquids or gases. Locations used for the storage of flammable liquids or of liquefied or compressed gases in sealed containers would not normally be considered hazardous unless subject to other hazardous conditions also.

Electrical conduits and their associated enclosures separated from process fluids by a single seal or barrier shall be classes as a Division 2 location if the outside of the conduit and enclosures is a nonhazardous environment.



U.L.-approved enclosure protects outside fumes from coming in contact with lamp heat.



Simple removal of four screws allows changing of the lamp.

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SPECIFICATIONS

Screen Size:	8-1/2" x 11" W (216mm x 279mm)
Magnifications:	42X Standard (others available upon request)
Dimensions:	16-3/4" H x 12-3/8" W x 17-1/2" D (425mm x 314mm x 444mm)
Weight:	22 lbs. (9.9 kg)
Lamp:	FLT, 25W, 13.8V