

EYE-D²



**A Rugged, Reliable Solution
for the Frontline Examination of
Travel and Identity Documents**

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eye-D2[®]

A COMPACT EXAMINATION SYSTEM FOR CHECKING SECURITY & ID DOCUMENTS

Designed for checking standard security features of travel documents, the eye-D2 is a low-cost system that can be deployed in large numbers to improve national and border security.

The eye-D2 is a cost-effective system for the visual examination of passports and other ID documents, providing facilities for the verification of security features as well as detecting alterations or tampering.

Featuring up to 7 LED light sources, a magnifier and transparent screens with safety interlocks to prevent UV exposure, the eye-D2 enables the examiner to perform a complete visual inspection of a document using simple touchpanel controls to switch between light sources.

With a compact, lightweight design and a padded carrying case that unfolds to provide light shielding in bright ambient conditions, the eye-D2 is an ideal system to be deployed for use in the field.



Simple Operation

for the general examination of a document



Examine Security Features

- Holograms
- Watermarks
- UV Fluorescent Inks
- Security Threads
- Embossing
- Laser Perforations
- See-Through Images

Detect Signs of Tampering

- Photo Substitutions
- Mechanical Erasures
- Chemical Erasures
- Alterations and Amendments

Scrutinize Fine Details

- Printed Information
- Handwriting and Signatures
- Paper and Print Quality
- Stitching and Seals



Flood Illumination

for the general examination of a document



Transmitted

See through a document to reveal watermarks etc.



UV Examination

Reveal UV-A, UV-B & UV-C fluorescent security features



OVD

Observe the 'movement' of holograms and Kinegrams



Transmitted UV

Reveal UV fluorescent security features



Transmitted Spot

Reveal See-through register print elements



Coaxial

Reveal UV fluorescent security features



Side/Oblique

Examine surface features such as intaglio print

eye-D® 2 Product Features



While Light Inspection

Six modes of broadband white illumination
Optional handheld torch

Ultraviolet Inspection

Longwave UV incident LEDs
Short and Mid Range UV module.

Integral Magnifying lens

Integral 2x magnifier
External 10x magnifier

Lightweight and Portable

Supplied with padded carry case.
12Vdc vehicle power input.

Capacitive Touch Interface

Quick and easy operation of the system.
Semi-automated examinations using AutoCycle

eye-D® 2 Specification

Magnification

- Integral 2x magnifier lens
- External 10x magnifier lens

Illumination

Visible Illumination

- White Incident LEDs
- White Transmitted LEDs
- White Transmitted Spot LED
- White Oblique LED
- White Coax LED
- White LED for OVD features
- Optional Handheld Torch

UV Illumination

- Shortwave 254nm 6W UV Lamp
- Midwave 313nm 6W UV Lamp
- Longwave 365nm UV Incident LEDs
- Transmitted 385nm UV Incident LEDs

Additional Features

- Capacitive touch user interface
- AutoCycle feature
- LED brightness control
- Safety interlocked viewing screen
- Mains power supply
- Adjustable document clamp
- Folding carry handle
- Padded carry case
- Spare lamp kit
- Cleaning cloths

System Specifications

- Dimensions (excluding carry case): H-320mm x W-370mm x D-260mm
- 20 degree approx. tilted, 360x220mm examination area
- 12Vdc input
- 100-240Vac, 50/60Hz to 12Vdc Power supply, 16W maximum power consumption.

Foster + Freeman reserve the right to alter the specification of the eye-D/R2 and its accessories without prior notice.