

# eye-D™

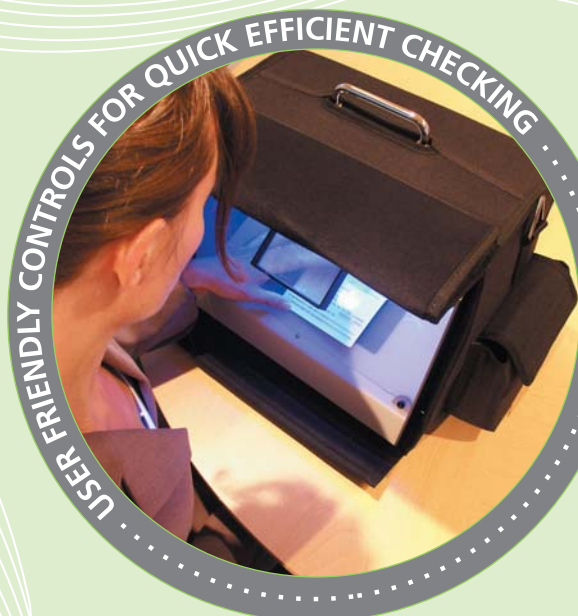
## DOCUMENT VERIFICATION SYSTEM

foster+freeman



The easy-to-use system for checking documents at:

- Immigration control
- Banks
- Police departments
- Social security & benefits offices
- Vehicle licensing departments



# eye-D™

## to combat the use of counterfeit documents

With five standard and two optional light sources, the **eye-D™** is a comprehensive system for the visual examination of security documents providing the facilities for verifying the presence of security features as well as for detecting alterations and tampering.

The **eye-D™** is versatile and can be operated using standard AC mains power or a 12V DC source such as a vehicle cigarette lighter. With a compact, lightweight design and a padded carrying case that unfolds to provide light shielding in bright ambient conditions, the **eye-D™** is easily carried for use in the field.

### STANDARD SYSTEM

Code: eye-D/BASIC

#### Examination facilities

- **White Incident Light**  
2 x 9W fluorescent lamps for general examination of print quality, photo substitution, etc.
- **White Transmitted Light**  
2 x 9W fluorescent lamps for the examination of water marks and security threads and the detection of mechanical erasures.
- **White Oblique Light**  
1 x 20W halogen lamp with reflector and adjustable intensity for the examination of embossed stamps.
- **White Coaxial Light**  
1 x 20W halogen lamp with reflector and adjustable intensity for the examination of retro-reflective features.
- **UV (longwave) Incident Light**  
4 x 8W blacklight fluorescent lamps for the examination of paper quality, fluorescent fibres and printed features and the detection of chemical erasures.
- **x2 Integral Magnifying Lens**  
100 x 60mm optical glass, 4 dioptries.

#### Other features

- 360 x 220mm examination area, 20° tilted.
- AC mains power input, 100-240V.
- DC 12V power input (*vehicle cigarette lighter plug and lead supplied*).
- Ergonomic user friendly design with folding carry handle and non-slip feet.
- Padded nylon carry case with padded shoulder strap and pouch for cables.
- Carry case folds to provide light shielding.
- Dimensions excluding carry case; 320(*height*) x 370(*width*) x 260(*depth*)mm.
- 7kg gross weight (*approx.*).



Fluorescent security features viewed under incident UV light.



Coaxial lighting reveals retro reflective security patterns.



Oblique lighting reveals photo substitution in a passport.

Appointed Agent:

### OPTIONAL EXTRAS

#### UV (longwave) Transmitted Light

12 x 12mW LEDs for the examination of fluorescent fibres and printed features.

Code: eye-D/TRANS UV

#### White Transmitted Spot Light

1 x 20W halogen lamp with reflector for the examination of obliterations and photo substitutions.

Code: eye-D/TRANS SW

#### x10 External Magnifier

Hand held loupe, stored in clip holder for the examination of micro-printing.

Code: eye-D/MX10

#### Portable Battery and Charger

Comprising: Battery Adaptor, 7.5 A fuse, Lead & Plug, Padded Bag, Battery Type: BH1233, Charger Type: DC18RA, 230V input (*if 110V is required please specify*).  
Run Time: 90 minutes minimum.

Code: eye-D/BAT

foster+freeman

[www.fosterfreeman.com](http://www.fosterfreeman.com)

Head Office & UK Sales Office: ☎ +44 (0) 1386 768050  
Foster & Freeman Ltd. ☎ +44 (0) 1386 765351  
Vale Park, Evesham, ☎ [www.fosterfreeman.com](http://www.fosterfreeman.com)  
Worcestershire, WR11 1TD, UK ☎ [sales@fosterfreeman.com](mailto:sales@fosterfreeman.com)

USA Sales Office: For enquiries from the USA and Canada  
☎ 888 445 5048 ☎ [www.fosterfreeman.com](http://www.fosterfreeman.com)  
☎ 888 445 5049 ☎ [usoffice@fosterfreeman.com](mailto:usoffice@fosterfreeman.com)



# eye-D/C1

DOCUMENT VERIFICATION SYSTEM

foster+freeman



An easy-to-use frontline examination system for checking passports and other security documents at...

- ***Immigration and border control***
- ***Banks***
- ***Police departments***
- ***Social security & benefits offices***
- ***Vehicle licensing departments***



# eye-D/C1

## A frontline examination system to combat the threat of counterfeit documents

The **eye-D/C1** is a cost effective system for the visual examination of security documents providing the facilities for verifying the presence of security features as well as detecting alterations or tampering. Featuring six light sources, a magnifier and transparent screens with safety interlocks to prevent UV exposure the **eye-D/C1** is versatile system and can be operated using standard AC mains power or a 12V DC source such as a vehicle cigarette lighter. With a compact, lightweight design and a padded carrying case that unfolds to provide light shielding in bright ambient conditions, the **eye-D/C1** is easily deployed for use in the field.

### The eye-D/C1 examination system

Product Code: eye-D/C1

#### EXAMINATION FACILITIES

- **White Incident Light**  
2 x 9W fluorescent lamps for the general examination of documents for irregularities such as photo substitution and print quality.
- **White Transmitted Light**  
2 x 9W fluorescent lamps for the examination of water marks and security threads and the detection of mechanical erasures.
- **White Oblique Light & White Coaxial Light**  
1 x 20W halogen lamp with reflector and adjustable intensity for the examination of embossed stamps and retro-reflective features.
- **UV (longwave) Incident Light**  
2 x 8W blacklight fluorescent lamps for the examination of paper quality, fluorescent fibres and printed features and the detection of chemical erasures.
- **UV (shortwave) Incident Light**  
UVC incident light source (254nm), 1 x 6W lamp (safety interlocked).
- **UV (longwave) Incident Light**  
UVB incident light source (313nm), 1 x 6W lamp (safety interlocked).
- **x2 Integral Magnifying Lens**  
100 x 60mm optical glass, 4 dioptries.

#### OTHER FEATURES

- Safety interlocked clear viewing screens block shortwave and mediumwave UV.
- 360 x 220mm examination area, 20° tilted.
- AC mains power input, 100-240V.
- DC 12V power input (vehicle cigarette lighter plug and lead supplied).
- Ergonomic user friendly design with folding carry handle and non-slip feet.
- Padded nylon carry case with padded shoulder strap and pouch for cables.
- Carry case folds to provide light shielding.
- Dimensions excluding carry case; 320 (height) x 370 (width) x 260 (depth)mm.

#### OPTIONAL EXTRAS

**UV (longwave) Transmitted Light**  
12 x 12mW LEDs for the examination of fluorescent fibres and printed features.

**White Transmitted Spot Light**  
1 x 20W halogen lamp with reflector for the examination of obliterations and photo substitutions.

**x10 External Magnifier**  
Hand held loupe, stored in clip holder for the examination of micro-printing.

**Portable Battery and Charger**  
Comprising: Battery Adaptor, 7.5 A fuse, Lead & Plug, Padded Bag, Battery Type: BH1233, Charger Type: DC18RA, 230V input (if 110V is required please specify).  
Run Time: 90 minutes minimum.

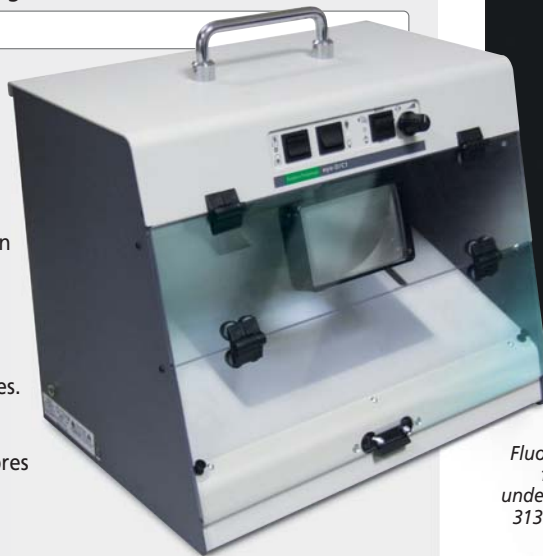
#### Product Code

Code: eye-D/TRANS UV

Code: eye-D/TRANS SW

Code: eye-D/MX10

Code: eye-D/BAT



Watermarks and security threads viewed with white transmitted light (above) and fluorescent security features viewed under incident UV light (right).



Fluorescent security features viewed under UV lighting at 313nm (above) and 254nm (right).



Appointed Agent:

foster + freeman

[www.fosterfreeman.com](http://www.fosterfreeman.com)

Head Office & UK Sales Office: ☎ +44 (0) 1386 768050  
Foster & Freeman Ltd. ☎ +44 (0) 1386 765351  
Vale Park, Evesham, 🌐 [www.fosterfreeman.com](http://www.fosterfreeman.com)  
Worcestershire, WR11 1TD. UK ✉ [sales@fosterfreeman.com](mailto:sales@fosterfreeman.com)

USA Sales Office: For enquiries from the USA and Canada  
☎ 888 445 5048 🌐 [www.fosterfreeman.com](http://www.fosterfreeman.com)  
☎ 888 445 5049 ✉ [usoffice@fosterfreeman.com](mailto:usoffice@fosterfreeman.com)



# eye-D/R1

DOCUMENT VERIFICATION SYSTEM

foster+freeman



An easy-to-use  
frontline document  
examination system for checking  
passports and documents at...

- ***Immigration and border control***
- ***Banks***
- ***Police departments***
- ***Social security & benefits offices***
- ***Vehicle licensing departments***

# eye-D/R1

## A frontline document examination system to combat the threat of counterfeit documents

Featuring three light sources and a magnifier, the **eye-D/R1** is a practical and cost effective system for the visual examination of security documents providing the facilities for verifying the presence of security features as well as for detecting alterations and tampering.

The **eye-D/R1** is versatile and can be operated using standard AC mains power or a 12V DC source such as a vehicle cigarette lighter or 24V DC with adaptor. With a compact, lightweight design and a padded carrying case that unfolds to provide light shielding in bright ambient conditions, the **eye-D/R1** is easily deployed for use in the field.



Watermarks and security threads viewed with white transmitted light.



Fluorescent security features viewed under incident UV light.

### The eye-D/R1 examination system

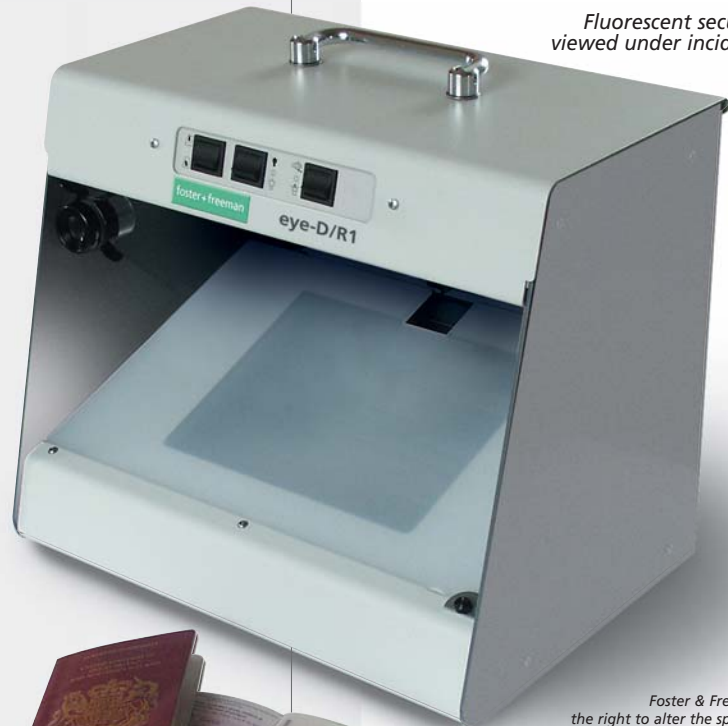
Product Code: eye-D/R1

#### EXAMINATION FACILITIES

- **White Incident Light**  
2 x 9W fluorescent lamps for the general examination of documents for irregularities such as photo substitution and print quality.
- **White Transmitted Light**  
2 x 9W fluorescent lamps for the examination of water marks and security threads and the detection of mechanical erasures.
- **UV Longwave Incident Light**  
2 x 8W blacklight fluorescent lamps for the examination of paper quality, fluorescent fibres and printed features and the detection of chemical erasures.
- **External Magnifier x5**  
Hand held loupe, stored in clip holder for the examination of micro-printing.

#### OTHER FEATURES

- 360 x 220mm examination area, 20° tilted.
- AC mains power input, 100-240V.
- DC 12V power input (*vehicle cigarette lighter plug and lead supplied*).
- 24VDC to 12VDC cigarette lighter converter
- Ergonomic user friendly design with folding carry handle and non-slip feet.
- Padded nylon carry case with padded shoulder strap and pouch for cables.
- Carry case folds to provide light shielding.
- Dimensions excluding carry case; 320 (*height*) x 370 (*width*) x 260 (*depth*)mm.



Foster & Freeman Ltd reserve the right to alter the specification of the eye-D/R1 or any accessories without prior notice.

Appointed Agent:



User friendly controls for quick efficient document checking.



Compact and lightweight for easy deployment.

foster + freeman

[www.fosterfreeman.com](http://www.fosterfreeman.com)

Head Office & UK Sales Office: ☎ +44 (0) 1386 768050  
Foster & Freeman Ltd. ☎ +44 (0) 1386 765351  
Vale Park, Evesham, ☎ [www.fosterfreeman.com](http://www.fosterfreeman.com)  
Worcestershire, WR11 1TD. UK ☎ [sales@fosterfreeman.com](mailto:sales@fosterfreeman.com)

USA Sales Office: For enquiries from the USA and Canada  
☎ 888 445 5048 ☎ [www.fosterfreeman.com](http://www.fosterfreeman.com)  
☎ 888 445 5049 ☎ [usoffice@fosterfreeman.com](mailto:usoffice@fosterfreeman.com)