

Automatic Counterfeit Detector

Automatic counterfeit detector that is equipped with advanced recognition & authentication technology, suitable for banknotes of various currencies & denominations.

PRODUCTS

DORS 200

Automatic & compact counterfeit detector with complete sensors, such as IR, UV, MG, and length sensors, to verify the authenticity of US dollars banknotes.



SPECIFICATIONS

Specification

| | |
|----------------------|---|
| Verification speed | Less than 1 sec. per banknote |
| Display | Graphical LCD with backlighting |
| Displayed parameters | Banknote value, total amount and quantity of all authentic banknotes, total amount and quantity of banknotes by values, error codes |
| MG sensor | Magnetic (3 heads) |
| IR optical sensors | Matching of the optical image of face and reverse sides of banknotes, optical paper density, IR image |
| Size control | Verification of banknote's length |
| Ultraviolet sensor | Verification of banknote's UV luminescence |
| Spectrum analysis | Ink spectrum analysis |
| Power supply | 110-220 V |
| Dimensions (WxDxH) | 119x197x80 mm |
| Net weight | 0,65 kg |

DORS 230

Multi-currency counterfeit detector that is equipped with colored & touch screen TFT display and advanced Contact Image Sensors (CIS) technology that is capable to automatically detect & identify banknotes based on currencies, denominations, and security features.

Aside from detecting counterfeit & suspected counterfeit notes, this compact device also counts the total number and amount of processed banknotes.



Specification

| | |
|-------------------------------|--------------------------------|
| Verification Speed | Less than 1 sec. per banknote |
| Display | Color TFT 3.5" (touch screen) |
| Sensors | Full length CIS (6 wavelength) |
| Input voltage of the adaptor | 100-240V, ~ 50/60Hz |
| Input voltage of the detector | 12V |
| Power Consumption | 6W |
| Dimensions (WxDxH) | 115x105x86 mm |
| Net weight | 0,5 kg |

PRODUCT CATALOG



DORS®

- ✓ Multi-Currency Ultraviolet Counterfeit Detector
- ✓ Multi-Currency Infrared Counterfeit Detector
- ✓ Video Magnifiers
- ✓ Multi-Currency Infrared & Ultraviolet Counterfeit



PT MURNI SOLUSINDO NUSANTARA
Digital Business Transformation Center

Branch Transformation | Customer Experience | Digital Teller Automation | Self-service Solution
Cash & Cheque Processing Solution | Digital Signage | RPA | Ergonomic Solution | Maintenance Service



30+ YEARS
OF EXPERIENCES



TRUSTED BY
MAJOR COMPANIES
ACROSS SECTORS



NATIONWIDE
TECHNICAL SUPPORT
WITH 100+ SERVICE POINTS
AND 24/7 HELPDESK



CORE COMPETENCY IN
CASH PROCESSING AND
DIGITAL TRANSFORMATION
SOLUTIONS



SUPPORTED BY MORE THAN
700 DEDICATED STAFF
AND TECHNICIANS

JAKARTA (Head Office & Multisector Simulation Room)

Jl. Lingkar Luar Barat No.1,
Jakarta Barat 11750, Indonesia

+62-21 584 1060
+62-21 587 4505

BANDUNG +62-22 205 63705

SURABAYA +62-31 593 0010
MEDAN +62-61 453 2994

YOGYAKARTA +62-274 883 506

DENPASAR +62-361 499 323
SEMARANG +62-24 764 34391



☎ 1500 913 (Sales) ☎ 1500 013 (Helpdesk) ✉ info@murni.co.id

PT Murni Solusindo Nusantara ISO 9001:2015 Certified No. ID 14/02656

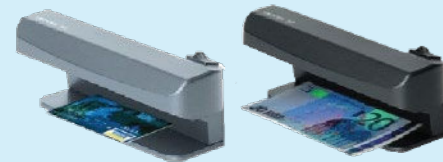
Multi-Currency Ultraviolet Counterfeit Detector

Universal & cost-effective counterfeit detector that facilitates visual detection of UV presence (marks, fibers, threads, or image fragments) on banknotes or other security-printed documents

PRODUCTS

DORS 50

The classic and ultra-light UV counterfeit detector.



SPECIFICATIONS

Specification

| | |
|--------------------|----------------------|
| Upper Light | 4 W UV-lamp (365 nm) |
| Power Supply | 220 V |
| Power Consumption | ± 8 W |
| Dimensions (WxDxH) | 190 x 96 x 75 mm |
| Net Weight | 0,3 kg |

DORS 60

Due to the absence of the bottom panel, DORS 60 can be placed exactly above the investigated object. Thus, it is especially convenient for authentication of large-sized documents.



Specification

| | |
|--------------------|---------------------------|
| Upper Light | Two 4 W UV-lamps (365 nm) |
| Power Supply | 220 V |
| Power Consumption | ± 14 W |
| Dimensions (WxDxH) | 190 x 101 x 128 mm |
| Net Weight | 0,4 kg |

DORS 100 Series

UV counterfeit detector with wide viewing area and special slot on the rear panel for insertion of large documents, of up to A4 size, for easier authentication.

- DORS 115 (without millimeter scale & transmitted white light)



- DORS 125 (with millimeter scale & transmitted white light)



Specification

| Product Line | | DORS 115 | DORS 125 |
|--------------------------------------|-----------------------|----------|----------|
| Upper light | UV lamps 6 W (365 nm) | 2 | 2 |
| Bottom light | 1 DL-lamp 6 W | - | 1 |
| Millimeter scale on the bottom panel | | - | + |

| | |
|--------------------|--------------------|
| Power Supply | 220 V |
| Power Consumption | ± 20 W |
| Dimensions (WxDxH) | 266 x 131 x 131 mm |
| Net Weight | 0,93 kg |

Multi-Currency Infrared Counterfeit Detector

Universal & cost-effective counterfeit detector that facilitates visual detection of UV presence (marks, fibers, threads, or image fragments) on banknotes or other security-printed documents

PRODUCTS

DORS 1100

IR counterfeit detector with 5" colored & anti-glared LCD display and adjustable parameters for image brightness & contrast.

For more thorough inspection of banknotes/security-printed documents, the picture on the display can be transferred to PC/TV through video output.*



SPECIFICATIONS

Specification

| | |
|--------------------|---|
| Monitor | Color 5" (12,7 cm) LCD TFT-monitor |
| Upper Light | Two-band IR (940/850 nm) |
| Jacks | 1 video input for DORS 1020 or DORS 1010 1 video input for external signal (PAL) 1 video output (PAL) |
| Power Supply | 110-220 V |
| Power Consumption | < 20 W |
| Dimensions (WxDxH) | 150x110x295 mm |
| Net Weight | 0,65 kg |

*Optional connectivity with video magnifiers, DORS 1010 (IR & Micro printing) or DORS 1020 (IR, Micro printing, & UV), PC / TV output or external video source (for example, CCTV camera). For connection to external PC, TV or external video source such as CCTV camera, special cable or connector is required.

Additional Video Magnifier

Optional equipment that is specifically designed to extend the functional capabilities of DORS 1100 and DORS 1300M2

PRODUCTS

DORS 1010 (with built-in IR & white light detection)

10x magnification and more*.
*The magnification range depends on the dimension of display to which DORS 1010 is connected.



SPECIFICATIONS

Specification

| | |
|--------------|---|
| Light | oblique IR (940 nm); oblique white light |
| Power supply | 12 V (from a relevant jack of DORS 1100/1300) |
| Dimensions | 71 x 53 x 51 mm |
| Net Weight | 0,1 kg |

DORS 1020 (with built-in IR, white light, and UV detection)

10x magnification and more*.
*The magnification range depends on the dimension of display to which DORS 1010 is connected.



Specification

| | |
|--------------|---|
| Light | UV (365 nm); oblique IR (850 nm); oblique white light |
| Power supply | 12 V (from a relevant jack of DORS 1100/1300) |
| Dimensions | 81 x 63 x 55 mm |
| Net Weight | 0,15 kg |

Multi-Currency Infrared & Ultra Violet Counterfeit Detector

Universal counterfeit detector that facilitates visual detection of IR marks (presence, arrangement, and quality) & UV features (marks, fibers, threads, or image fragments) on banknotes or other security-printed documents

PRODUCTS

DORS 1170

IR & UV counterfeit detector with 7" colored, TFT LCD display. With up to 10x magnifications, DORS 1170 is able to capture micro-printing & micro-images, giving detailed, sharp, and precise inspection result of banknotes/documents.



SPECIFICATIONS

Specification

| | |
|---|--------------------------|
| Monitor | Color LCD TFT 7" (18 cm) |
| Magnification on the monitor | 1x/10x |
| Power supply | 100-240V ~ 50/60Hz |
| Power consumption, max. | 22W |
| Dimensions (WxDxH) | 122x111x245 mm |
| Net weight without adapter/with adapter | 0,24 kg /0,32 kg |

DORS 1300 M2

Professional IR & UV counterfeit detector with wide screen & rotatable LCD display, large viewing area, millimeter scale, and slot on the rear panel for insertion of large documents, of up to A4 size, for easier examination.

With up to 20x magnifications and adjustable image brightness & contrast, DORS 1300 M2 provides sharp and accurate inspection result of banknotes/documents



Specification

| | |
|--------------------|--|
| Monitor | Color LCD TFT 7" (18 cm) |
| Upper light | Ultraviolet light (3x6W UV tubes 365 nm) Two-band oblique white light (two LED) Two-band IR light (two diodes of 940 and 850 nm) |
| Bottom Light | Diffused white light (2x6W white light tubes) |
| Jacks | 2 video inputs (for DORS 1010 & 1020) 1 video input for external signal (PAL) 1 video output (PAL) |
| Power Supply | 100-240V ~50/60 Hz |
| Power Consumption | < 45W |
| Dimensions (WxDxH) | 300x170x210/324 mm (with monitor raised) |
| Net weight | 2,3 kg |

*Optional connectivity with video magnifiers, DORS 1010 (IR & Micro printing) or DORS 1020 (IR, Micro printing, & UV), PC / TV output or external video source (for example, CCTV camera). For connection to external PC, TV or external video source such as CCTV camera, special cable or connector is required.