

4850dr

Document Reader

For those looking to streamline recordkeeping, the 4850dr is a fully-featured document imager designed to digitize paper documents for simple and efficient paperless processing, storage and retrieval. Unlike traditional document scanners, the 4850dr has no moving parts, requires no regular maintenance, scans barcodes, and comes with a superior three-year warranty.

Powered by Adaptus Imaging Technology, the 4850dr captures crisp images of documents up to 8.5" x 11" or A4 format, regardless of the paper or text color. An integrated suite of easy-to-use image enhancement tools can be used to sharpen text, improve contrast, reorient or magnify the image. In addition, built-in auto-cropping and an array of file configuration options and compression functions ensure optimum image quality and file size for your application requirements. The 4850dr also has the added flexibility of barcode scanning functionality, with the capability to read all linear, stacked, and 2D codes.

The 4850dr's integrated stand design and document tray ensure easy setup and operation, without the need for continuous adjustment or calibration. There is no need to reposition the device, regardless of document size; simply place the document in the tray and capture the image.

A broad set of connectivity options—including TWAIN, SANE and USB 2.0—ensure you can connect the 4850dr directly to your host system without the need for any modifications or costly adapters.

Featuring 100% solid-state technology, there are no moving parts that can fail or require routine maintenance—ensuring years of uninterrupted, trouble-free operation. Combined with a full three-year comprehensive warranty, the 4850dr delivers unmatched reliability and a low total cost of ownership.



Features

- **Purpose-Built for Document Imaging:** Imager, stand and document tray work together as an integrated document imaging solution and eliminate the need for adjustment due to varying document sizes.
- **Versatile Document Imaging Performance:** Adaptus Imaging Technology enables imaging documents up to 8.5x11" or A4 size, and specialized white illumination ensures crisp images regardless of document or font color.
- **Durable & Reliable Technology:** Solid-state components with no moving parts, backed by a three-year comprehensive warranty.
- **Broad Connectivity Options:** Supports TWAIN, SANE, and USB drivers, each with the imaging SDK library pre-loaded.
- **BarCode Scanning Functionality:** Provides the added flexibility of scanning linear, stacked, and 2D bar codes, eliminating the need for purchasing a standalone barcode scanner.
- **Integrated Image Enhancement & Processing Tools:** Tools to adjust captured images, including sharpening, contrast and digital zoom. A full range of automatic and selectable file compression options.

4850dr Technical Specifications

Operational

| | |
|------------------------|--|
| Dimensions | Illumination: Visible white LED, 434 nm and 556 nm Aimer: Visible red VLD, 652.5 ± 7.5 nm |
| Visual Indicators | Green (for good scan) or image |
| Host System Interfaces | TWAIN, SANE, USB 2.0 Serial Port Emulation |

Mechanical

| | |
|--------------------|---|
| Dimensions (LxWxH) | 383 x 340 x 365 mm (15.1 x 13.4 x 14.4 in) |
| Weight | Imager: 85 g (3 oz) Stand: 2 kg (4.4 lb) |

Electrical

| | |
|-----------------|-------------------------|
| Input Voltage | 4.5 to 5.25 VDC |
| Operating Power | 1.75 W (350 mA @ 5 VDC) |
| Standby Power | 0.5 W (100 mA @ 5 VDC) |

Environmental

| | |
|------------------------------------|--|
| Environmental Sealing | IP40 |
| Drop | 50 drops from 1.5 m (5 ft) distance (document imager only) |
| Operating Temperature ¹ | 0°C to 50°C (32°F to 122°F) |
| Storage Temperature | -20°C to 60°C (4°F to 140°F) |
| ESD | ±8 KV direct, ±15 KV air |
| Humidity | 5% to 95% relative humidity, non-condensing |
| Light Levels | 100,000 lux |

Scan Performance

| | |
|-------------------|--|
| Scan Pattern | Area image (2592 x 1944 pixel array) |
| Scan Angle | Horizontal field angle: +/-25.5° Vertical field angle: +/-20° |
| Symbol Contrast | 20% minimum reflectance difference |
| Pitch, Skew, Tilt | 45°, 45° |
| Image Resolution | 200 ppi |
| Image Speed | 17 ppm minimum; 8.5" x 11.0" (A4) with image processing via TWAIN/SANE/SDKs |
| Image Format | JPEG: Compression scaled from 0 to 100; BMP: Grayscale; TIFF: Binary, Binary Compressed (Group 4), Grayscale |
| Decode Capability | Reads standard 1D, PDF, 2D, and Postal symbologies. Visit www.honeywell.com/aidc/symbologies for complete details. |
| Warranty | 3 year factory warranty |

Refer to the Honeywell Scanning & Mobility Compliance Center (www.honeywellaidc.com/compliance) to review and download any publicly available documentation pertaining to the certification of this product in a given country.

Refer to the Honeywell Scanning & Mobility Supported Symbologies Datasheet (www.honeywellaidc.com/symbologies) for a complete listing of all supported bar code symbologies.

Specifications are subject to change without notice.

For more information:

www.honeywellaidc.com

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About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
 - Data destruction
 - Hardware disposal
 - Auditing services

Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



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