Image Scanner 11-6140 Image Scanner

As the fastest and most compact scanner in its class<sup>\*1</sup>, the A4 color duplex ADF fi-6140 is small enough to use at your desk



The fastest and smallest scanner of its class<sup>\*1</sup> is capable of scanning an impressive 60 A4 pages / 120 images per minute

**SU** 

- •The first scanner in its class to adopt higher end "fi-Series" functions:
  - Paper protection function
  - Intelligent multifeed function
- Auto color recognition function - Auto document size recognition function
- Auto deskew function

Color

40

A4 ppm

Mono.

60

A4 ppm

DUPLEX

●The fi-6140 comes bundled with the "automatic job separation" function armed ScandAll PRO Ver1.5 image capture software.

\*1 The fi-6140 belongs to the class of A4 ADF color scanners whose scanning speeds meet or exceed 40ppm / 80ipm (monochrome, A4, 200dpi). This statement stood true as of October 2007.

Visit the fi-Series homepage for ordering and purchasing information

http://imagescanner.fujitsu.com/

## Features

## The fastest and most compact scanner in its class

In addition to being the smallest scanner in its class, the fi-6140 is able to scan an impressive 60 pages or 120 images per-minute in monochrome (A4, 200dpi) as well as 40 pages or 80 images per-minute in color (A4, 200 / 300dpi). Furthermore, its ability to continuously scan 50 page mixed batch documents containing paper of different weight, quality and sizes enables the fi-6140 efficiently digitize large volumes of paper documents

# The first scanner in its class to adopt high end "fi-Series" functions

The fi-6140 is the first business scanner in its class to inherit highly regarded intelligent "fi-Series" automatic features from its higher end siblings. Such features facilitate worry free mixed batch scanning of documents containing paper of different weights, quality and sizes.

#### Paper protection function

This function puts users at ease with its ability to protect valuable documents by immediately stopping the scanning process when it recognizes that a jam is about to occur.

## Intelligent multifeed function

The intelligent multifeed function simplifies pre-scanning preparation and improves efficiency by ignoring documents that tend to trigger false multifeed alerts, such as photo and sticky note attached documents

• Speedy "auto-color recognition", "auto-size recognition" and "auto-deskew" functionality

The fi-6140 is the first "dedicated image processing LSI" armed scanner in its class to offer such highly valued automatic functions. As a result, the fi-6140 brings about dramatic digitizing efficiencies through fast scanning and simultaneous high speed image processing.

#### Excellent card feedability

In addition to being able to scan embossed cards\*, the fi-6140 is able to scan up to 3 plastic cards at a time (up to 1.4mm thick) in order to m a wide variety of business needs.





# Comes bundled with the "automatic job separation" function armed ScandAll PRO Ver1.5 image capture software

The fi-6140 supports barcode and patchcode reading functionality which enables it to simultaneously scan and automatically separate different jobs with its automatic job separation function. The result is improved digitization efficiency.



As an ENERGY STAR<sup>®</sup> partner, PFU Limited, a Fujitsu company, has determined that this product meets the ENERGY STAR<sup>®</sup> guidelines for energy efficiency. ENERGY STAR<sup>®</sup> is a registered trademark of the United States.

 \*11 PPU Limited, a Fujitsu company, has determined that this product meets RoHS requirements (2005/95/EC)
 \*12 Capable of scanning documents that exceed A4 sheets in length. However, the scanning of documents that exceed 863mm (34 inches) in length will be limited to using TWAIN at 200dpi or less. Options Description Part number Comments Image Processing Software Option V2.5 PA43402-C22901 This image processing software enables the scanner to efficiently binarize scanned data prior to transmission.

#### Consumables

| Consumables  |              |  |   |
|--------------|--------------|--|---|
| Description  | Part number  | Comments   |   |
| Brake roller | PA03540-0001 | Lifetime: Every 200,000 sheets or one year.                              | 1 |
| Blake follel | FA03540-0001 | These rollers separate documents as they are being fed into the scanner. |   |
| Pick roller  | PA03540-0002 | Lifetime: Every 200,000 sheets or one year.                              | 1 |
| FICKIOIIEI   | FA03340-0002 | These rollers feed documents into the scanner.                           |   |

### Trademarks

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# A Safety Precautions

- Be sure to carefully read all safety precautions prior to using this product and use this device as instructed.
- Do not place this device in wet, moist, steamy, dusty or oily areas. Using this product under such conditions may result in electrical shock, fire or damage to this product
- Be sure to limit the use of this product to listed power ratings.

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## Technical Specifications

FI-6140

Product name

| Supported Operaning systems         microsoft Windows 200 Provided ()/ Microsoft Windows Var (22:00401/)           Scanning modes         Simplex / Duplex, Color / Grayscale / Monochrome           Image sensor type         Color CCD (Charge-coupled device) x 2           Light source         White cold cathode discharge lamp           Scanning range         Maximum: A4 portrait (210 x 297mm), legal (8.5 x 14in.)<br>(for g document scanning: 216 x 864mm, 210 x 3048mm)<br>Minimum: A8 (52 x 74mm or 2 x 3in.)           ADF feedable paper weight<br>(Thickness)         A10 for (116 s612b) and ony supports 1270 z 100 m <sup>2</sup> (24 to 56.2b) for A8 sheets.<br>Card feedability (ADF) <sup>-1</sup> supports both portrait and landscape feedability <sup>-2</sup> 1.4mm thickness<br>or less <sup>-3</sup> Scanning<br>speed<br>(A4 portrait) <sup>+4</sup> Color <sup>-5</sup> Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)           Grayscale <sup>-5</sup> Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)         Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)           Monochrome         Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)         Simplex: 40ppm (300dp), Duplex: 80ipm (300dpi)           Paper chute capacity <sup>-5</sup> So sheets (A4: 80/m <sup>-6</sup> or 201b) (Active loadable ADF)         Simplex: 40ppm (300dp), Duplex: 80ipm (300dpi)           Background colors         White / Black (Selectable)         Output         Grayscale (8bit)<br>Monochrome: 1bit           AD converter         IO2 (24bit)         Grayscale (8bit)<br>Monochrome: 1bit         So to 600dpi (adjustable by 1dpi increments), 120   | Supported operating systems   |                    | Microsoft <sup>®</sup> Windows <sup>®</sup> 2000 Professional / Microsoft <sup>®</sup> Windows <sup>®</sup> XP (32bit/64bit) / |  |
|---|---|--------------------|--|--|
| Scanning modes         ADF (Automatic Document Feeder)           Scanning modes         Simplex / Duplex, Color / Grayscale / Monochrome           Image sensor type         Color CCD (Charge-coupled device) x 2           Light source         White cold cathode discharge lamp           Scanning range         Maximum: A4 portrait (210 x 297mm), legal (8.5 x 14in.), ((ong document scanning: 216 x 86Amm, 210 x 3048mm) Minimum: A8 (52 x 74mm or 2 x 3in.)           ADF feedable paper weight         41 to 210g/m² (11 to 56.2b) and only supports 127 to 210 g/m² (34 to 56.2b) for A8 sheets. Carl feedability (ADF) * supports both portial and landscape feedability * 1.4mm thickness or less <sup>3</sup> Scanning speed         Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)           (A4 portrait) <sup>44</sup> Grayscale <sup>15</sup> Simplex: 60ppm (200dpi), Duplex: 80ipm (300dpi)           Monochrome         Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)         Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)           Paper chute capacity <sup>15</sup> 50 sheets (A4: 80g/m² or 201b) (Active loadable ADF)         Background colors           Output         Grayscale (8bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>16</sup> Output format         Color: 24bit, 8bit/4bit         Grayscale: 8bit, 4bit           Monochrome: 1bit         AD converter         1024 levels (10bit)           Interface <sup>19</sup> Uitra SCSI: USB2.0 / USB1.1 (Selectable)         Colo  |   |                    |  |  |
| Scanning modes         Simplex / Duplex, Color / Grayscale / Monochrome           Image sensor type         Color CCD (Charge-coupled device) x 2           Light source         White cold cathode discharge lamp           Scanning range         Maximum: A4 portrait (210 x 297mm), legal (8.5 x 14in.)<br>(long document scanning: 216 x 864mm, 210 x 3048mm)<br>Minimum: A8 (62 x 74mm or 2 x 3in.)           ADF feedable paper weight<br>(Thickness)         41 to 210g/m² (11 to 56.2lbs) and only supports 127 to 210 g/m² (34 to 56.2lb) for A8 sheets.<br>Card feedability (ADF)* supports both portrait and landscape feedability * 1.4mm thickness<br>or less <sup>3</sup> Scanning<br>speed         Color *5         Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)           (A4 portrait)*4         Grayscale *5         Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)           Monochrome         Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)           Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)         Simplex: 40ppm (300dpi), Duplex: 100ipm (200dpi)           Optical resolution         600dpi         Goldpi           Output         Color (24bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi *3           Output format         Color: 24bit, 8bit/4bit         Grayscale: 8bit, 4bit           Monochrome (1bit)         Monochrome (1bit)         Si 35'. Shield type 50pin (pin type), USE: B type           SCSI Streminator         Built-in         Output a Color: 24bit, 8bit/4bit  | Coopport type   |                    |  |  |
| Image sensor type         Color CCD (Charge-coupled device) x 2           Light source         White cold cathode discharge lamp           Scanning range         Maximum: A4 portrait (210 x 297mm), legal (8.5 x 14in.)<br>(long document scanning: 216 x 864mm, 210 x 3048mm)<br>Minimum: A8 (52 x 74mm or 2 x 3in.)           ADF feedable paper weight<br>(Thickness)         41 to 2010m <sup>2</sup> (11 to 56.21ba) and only suports 127 to 210 g/m <sup>2</sup> (34 to 56.21b) for A8 sheets.<br>Card feedability (ADF) " supports both portrait and landscape feedability <sup>2</sup> 1.4mm thickness<br>or less <sup>3</sup> Scanning<br>speed<br>(A4 portrait) <sup>4</sup> Color <sup>-5</sup> Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)           Grayscale <sup>-5</sup> Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)           Monochrome         Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)           Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)         Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)           Paper chute capacity <sup>16</sup> 50 sheets (A4: 80g/m <sup>2</sup> or 201b) (Active loadable ADF)           Background colors         White / Black (Selectable)           Output         Golor (24bit)           Monochrome (1bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>18</sup> Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit           AD converter         1024 levels (10bit)           Interface <sup>3</sup> Ultra SCS1 / USB2.0 / USB1.1 (Selectable)           Conn  |   |                    |  |  |
| Light source       White cold cathode discharge lamp         Scanning rarge       Maximum: A4 portrait (210 x 297mm), legal (8.5 x 14in.)<br>(fong document scanning: 216 x 864mm, 210 x 3048mm)<br>Minimum: A8 (52 x 74mm or 2 x 3in.)         ADF feedable paper weight<br>(Thickness)       41 to 210g/m² (11 to 52/Bis and only supports 127 to 210 g/m² (34 to 56.2B) for A8 sheets.<br>car less <sup>3</sup> Scanning<br>speed<br>(A4 portrait) <sup>44</sup> Color <sup>5</sup> Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)         Speed<br>(A4 portrait) <sup>44</sup> Color <sup>5</sup> Simplex: 40ppm (300dpi), Duplex: 80ipm (200dpi)         Monochrome       Simplex: 40ppm (300dpi), Duplex: 80ipm (200dpi)         Simplex: 40ppm (300dpi), Duplex: 80ipm (200dpi)       Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)         Monochrome       Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)         Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)       Simplex: 40ppm (300dpi)         Optical resolution       60 sheets (A4: 80g/m² or 201b) (Active loadable ADF)         Background - Coirs       White / Black (Selectable)         Optical resolution       Color: 24bit, 8bit/4bit<br>Grayscale (8bit)         Output format       Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit         AD converter       1024 levels (10bit)         Interface <sup>19</sup> Uitra SCS1 / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI: Shield type 50pin (pin type). USB: B type   | •   |                    |  |  |
| Scanning range       Maximum: A4 portrait (210 x 297mm), legal (8.5 x 14in.)<br>(long document scanning: 216 x 864mm, 210 x 3048mm)<br>Minimum: A8 (52 x 74mm or 2 x 3in.)         ADF feedable paper weight<br>(Thickness)       41 to 210g/m² (11 to 56.21b) and only supports 127 to 210 g/m² (34 to 56.21b) for A8 sheets.<br>Card feedability (ADF) '' supports both portrait and landscape feedability '² 1.4mm thickness<br>or less ''         Scanning<br>speed<br>(A4 portrait) <sup>4</sup> Color '5       Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)         Monochrome       Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)         Monochrome       Simplex: 40ppm (200dpi), Duplex: 80ipm (300dpi)         Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)       Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)         Paper chute capacity '6       50 sheets (A4: S0g/m² or 201b) (Active loadable ADF)         Background cors       White / Black (Selectable)         Optical resolution       600dpi         Output       Color (24bit)         Grayscale (8bit)       50 to 600dpi (adjustable by 1 dpi increments), 1200 dpi '8         Monochrome (1bit)       Color: 24bit, 8bit/4bit         Output format       Color (11 a SCS1 / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI: Shield type 50pin (pin type), USB: B type         SCSI: Shield type 50pin (pin type), USB: B type       SCSI: Shield type 50pin (pin type), USB: B type         Output mode (half-tone)       Dither / Error diffus   | -   | r type             |  |  |
| ADF feedable paper weight<br>(Thickness)       (Iong document scanning: 216 x 864mm, 210 x 3048mm)<br>Minimum: A8 (52 x 74mm or 2 x 3in.)         ADF feedable paper weight<br>(Thickness)       (Io 120g/m <sup>2</sup> (1b 562b) and only supports 127 to 210 g/m <sup>2</sup> (24 to 56.2b) for A8 sheets.<br>Card feedability (ADF) <sup>-1</sup> supports both portrait and landscape feedability <sup>-2</sup> 1.4mm thickness<br>or less <sup>-3</sup> Scanning<br>speed<br>(A4 portrait) <sup>-4</sup> Color <sup>-5</sup> Simplex: 40ppm (200dpi), Duplex: 80ipm (300dpi)         Monochrome       Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)         Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)       Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)         Background colors       White / Black (Selectable)         Optical resolution <sup>-7</sup> 50 sheets (A4: 80g/m <sup>2</sup> or 201b) (Active loadable ADF)         Background colors       White / Black (Selectable)         Output format       Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit         AD converter       1024 levels (10bit)         Interace <sup>-9</sup> SUBL of VISB2.0 / USB.1.1 (Selectable)         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit <monochrome< td="">       Siss (A2 00pm (ADD 40pt), 10pt)         Output format       ESCSI: Shield type 50pin (pin type), USB: 1 type         SCSI: Shield type 50pin (pin type), USB: 1 type       SCSI: Shield type 50pin (pin type), USB: 1 type         Output format       Difter / Error diffusion       Ovtage range         AD</monochrome<>   |   |                    |  |  |
| Minimum: A8 (62 x 74mm or 2 x 3in.)         ADF feedable paper weight<br>(Thickness)       A 10 210g/m² (11 to 56.21b) and only supports 127 to 210 g/m² (34 to 56.21b) for A8 sheets.<br>Card feedability (ADF) '' supports both portrait and landscape feedability '2 1.4mm thickness<br>or less ''<br>Simplex: 40ppm (300dpi), Duplex: 80ipm (200dpi)<br>Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)<br>Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)<br>Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)<br>Output format         Color (24bit)<br>Grayscale (8bit)<br>Monochrome (1bit)<br>Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit<br>AD converter         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit<br>AD converter            Inter  | Scanning rar  | ige                |  |  |
| ADF feedable paper weight<br>(Trickness)       41 to 210g/m² (11 to 56.2lbs) and only supports 127 to 210 g/m² (34 to 56.2lb) for A8 sheets.<br>Card feedability (ADF) <sup>-1</sup> supports both portrait and landscape feedability <sup>-2</sup> 1.4mm thickness<br>or less <sup>-3</sup> Scanning<br>speed<br>(A4 portrait) <sup>-4</sup> Color <sup>-5</sup> Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)         (A4 portrait) <sup>-4</sup> Grayscale <sup>-5</sup> Simplex: 40ppm (200dpi), Duplex: 80ipm (300dpi)         Monochrome       Simplex: 40ppm (200dpi), Duplex: 120ipm (200dpi)         Simplex: 40ppm (200dpi), Duplex: 80ipm (300dpi)       Simplex: 40ppm (200dpi), Duplex: 80ipm (300dpi)         Paper chute capacity <sup>-6</sup> 50 sheets (A4: 80g/m² or 201b) (Active loadable ADF)         Background colors       White / Black (Selectable)         Optical resolution       600dpi         Output format       Color: 24bit, 8bit/4bit         Grayscale (8bit)       50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>-8</sup> Output format       Color: 24bit, 8bit/4bit         Grayscale: 8bit, 4bit       Grayscale: 8bit, 4bit         Monochrome (1bit)       Color: 24bit, 8bit/4bit         Output format       SCSI Terminator         SCSI Terminator       Built-in         Output mode (half-tone)       Ditter / Error diffusion         Voltage or voltage range       AC 100 to 240V ± 10%         Power requirement       Operati  |   |                    |  |  |
| Card feedability (ADF) <sup>¬1</sup> supports both portrait and landscape feedability <sup>°2</sup> 1.4mm thickness or less <sup>°3</sup> Color <sup>°5</sup> Card feedability (ADF) <sup>¬1</sup> supports both portrait and landscape feedability <sup>°2</sup> 1.4mm thickness or less <sup>°3</sup> Color <sup>°5</sup> Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)           Grayscale <sup>°5</sup> Simplex: 40ppm (200dpi), Duplex: 120ipm (200dpi)           Monochrome         Simplex: 40ppm (200dpi), Duplex: 120ipm (200dpi)           Simplex: 40ppm (200dpi), Duplex: 120ipm (200dpi)           Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)           Color: 24bit, 8bit/4bit           Grayscale (8bit)           Optical resolution**           Color: 24bit, 8bit/4bit           Grayscale: 8bit, 4bit           Monochrome (1bit)            Ultra SCSI / USB2.0   |   |                    |  |  |
| Scaning<br>speed<br>(A4 portrait) <sup>4</sup> Color *5         Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)<br>(Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)<br>(Simplex: 60ppm (200dpi), Duplex: 120ipm (200dpi)<br>(Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)<br>(Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)           Paper chute         capacity *5         So sheets (A4: 80g/m² or 201b) (Active loadable ADF)           Background colors         White / Black (Selectable)         Output           Output         Color (24bit)         Grayscale (8bit)         So to 600dpi (adjustable by 1dpi increments), 1200 dpi *8           Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome (1bit)         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit           AD converter         1024 levels (10bit)         Ultra SCSI / USB2.0 / USB1.1 (Selectable)           Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit           Oncohrome: 1bit         Dutha SCSI / USB2.0 / USB1.1 (Selectable)           Oconverter         1024 levels (10bit)           Interface *3         Ultra SCSI / USB2.0 / USB: 15 type           SCSI Terminator         Built-in           Output mode (half-tone)         Dither / Error diffusion           Voltage or voltage range         AC 100 to 240V ±10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)           Operating: sdrawd IPRO, Adobe® Acrobat®, QuickS  |   |                    |  |  |
| Scanning<br>speed<br>(A4 portrait) <sup>44</sup> Color <sup>*5</sup> Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi)<br>Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)           (A4 portrait) <sup>44</sup> Grayscale <sup>*5</sup> Simplex: 60ppm (200dpi), Duplex: 120ipm (200dpi)           (A4 portrait) <sup>44</sup> Grayscale <sup>*5</sup> Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)           Monochrome         Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)           Paper chute capacity <sup>*6</sup> 50 sheets (A4: 80g/m <sup>2</sup> or 201b) (Active loadable ADF)           Background colors         White / Black (Selectable)           Optical resolution <sup>7</sup> Color (24bit)           Grayscale (8bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>*8</sup> Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome (1bit)           Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit           AD converter         1024 levels (10bit)           Interface <sup>*3</sup> Ultra SCSI / USB2.0 / USB2.1 (Selectable)           Connector shape         SCSI: Shield type 50pin (pin type), USB: B type           SCSI Terminator         Built-in           Output mode (half-tone)         Dither / Error diffusion           Voltage or voltage range         AC 100 to 240V ±10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W) <tr< th=""><th></th></tr<>  |   |                    |  |  |
| speed<br>(A4 portrait) <sup>4</sup><br>(A4 portrait) <sup>4</sup><br>(A5 portrait) <sup>6</sup><br>(Binplex: 60ppm (200dpi), Duplex: 80ipm (200dpi)<br>(Binplex: 40ppm (300dpi), Duplex: 80ipm (200dpi)           Paper chute capacity '6         50 sheets (A4: 80g/m <sup>2</sup> or 20lb) (Active loadable ADF)           Background colors         White / Black (Selectable)           Output<br>resolution <sup>7</sup><br>(Grayscale (8bit))<br>(Grayscale (8bit))<br>(Monochrome (1bit))         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi '8           Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit           AD converter         1024 levels (10bit)         Interface '9         Ultra SCSI / USB2.0 / USB1.1 (Selectable)           Connector shape         SCSI: Shield type 50pin (pin type), USB: B type         SCSI reminator           Output mode (half-tone)         Dither / Error diffusion         Voltage or voltage range           Voltage or voltage range         AC 100 to 240V ± 10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)           Operating environment         Temperature: 5 to 35°C (42 to 95'F)<br>Relative humidity: 20 to 80% (Non- |   |                    |  |  |
| (A4 portrait)**       Grayscale *5       Simplex: 60ppm (200dpi), Duplex: 120ipm (200dpi)         Simplex: 40ppm (300dpi), Duplex: 120ipm (200dpi)       Simplex: 60ppm (200dpi), Duplex: 120ipm (200dpi)         Paper chute capacity *6       50 sheets (A4: 80g/m² or 20lb) (Active loadable ADF)         Background colors       White / Black (Selectable)         Optical resolution       600dpi         Color (24bit)       600dpi (adjustable by 1dpi increments), 1200 dpi *8         monochrome (1bit)       50 to 600dpi (adjustable by 1dpi increments), 1200 dpi *8         Output format       Color: 24bit, 8bit/4bit         Grayscale (8bit)       50 to 600dpi (adjustable by 1dpi increments), 1200 dpi *8         Output format       Color: 24bit, 8bit/4bit         Grayscale: 8bit, 4bit       Monochrome: 1bit         AD converter       1024 levels (10bit)         Interface *9       Ultra SCSI / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: 42W or less (Sleep mode: less than 6.2W)       0perating: 42W or less (Sleep mode: less than 6.2W) <th>-</th> <th>Color *5</th> <th></th>  | -   | Color *5           |  |  |
| Monochrome         Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)           Paper chute         capacity "6         50 sheets (A4: 80g/m² or 20lb) (Active loadable ADF)           Background         color 5         White / Black (Selectable)           Optical resolution 7         Golor (24bit)         600dpi           Output         Color (24bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi "8           Output format         Color (24bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi "8           Output format         Color: 24bit, 8bit/4bit         Grayscale: 8bit, 4bit           Monochrome (1bit)         Output format         Color: 24bit, 8bit/4bit           Grayscale: 8bit, 4bit         Monochrome: 1bit         Monochrome: 1bit           AD converter         1024 levels (10bit)         10tra SCSI / USB2.0 / USB1.1 (Selectable)           Connector shape         SCSI: Shield type 50pin (pin type), USB: B type         SCSI Terminator           Output mode (half-tone)         Dither / Error diffusion         Voltage range         AC 100 to 240V ±10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: 42W or less (Sleep mode: less than 6.2W)           Operating environment         Temperature: 5 to 35°C (42 to 95°F)         Relative humidity: 20 to 80% (Non-condensing)           Dintensions: Width   |   |                    |  |  |
| Monochrome         Simplex: 60ppm (200dpi), Duplex: 120ipm (200dpi)           Paper chute capacity '6         50 sheets (A4: 80g/m² or 201b) (Active loadable ADF)           Background colors         White / Black (Selectable)           Optical resolution '7         Golor (24bit)           Grayscale (8bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi '8           Output format         Color (24bit)           Grayscale (8bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi '8           Output format         Color: 24bit, 8bit/4bit           Grayscale: 8bit, 4bit         Monochrome: 1bit           AD converter         1024 levels (10bit)           Interface '9         Ultra SCSI / USB2.0 / USB1.1 (Selectable)           Connector shape         SCSI: Shield type 50pin (pin type), USB: B type           SCSI reminator         Built-in           Output mode (half-tone)         Dither / Error diffusion           Voltage or voltage range         AC 100 to 240V ±10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)           Operating environment         Temperature: 5 to 35°C (42 to 95°F)           Relative humidity: 20 to 80% (Non-condensing)         301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)           Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Hesq(51.24 (10). <th>(A4 portrait)*4</th> <th>Grayscale *5</th> <th>Simplex: 60ppm (200dpi), Duplex: 120ipm (200dpi)</th>  | (A4 portrait)*4   | Grayscale *5       | Simplex: 60ppm (200dpi), Duplex: 120ipm (200dpi)   |  |
| Simplex: 40ppm (300dpl), Duplex: 80ipm (300dpl)         Paper chute capacity "6       50 sheets (A4: 80g/m² or 20lb) (Active loadable ADF)         Background colors       White / Black (Selectable)         Optical resolution       600dpi         Output resolution       Color (24bit)         Grayscale (8bit)       50 to 600dpi (adjustable by 1dpi increments), 1200 dpi "8         Output format       Color: 24bit, 8bit/4bit         Grayscale: 8bit, 4bit       Monochrome: 1bit         AD converter       1024 levels (10bit)         Interface "9       Ultra SCSI / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI: Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ± 10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: environment       Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)         Dimensions: Widt x Depth x Height****       301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight       4.2 kg (9.24lb)       Included software / drivers         Included software / drivers       TWAIN, ISIS**, ScandAll PRO, Adobe® Acrobat®, QuickScan** Pro. Demo (   |   |                    | Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)  |  |
| Paper chute capacity <sup>16</sup> 50 sheets (A4: 80g/m² or 20lb) (Active loadable ADF)           Background colors         White / Black (Selectable)           Optical resolution         600dpi           Output<br>resolution <sup>77</sup> Color (24bit)<br>Grayscale (8bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>18</sup> Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome (1bit)         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit           AD converter         1024 levels (10bit)         Interface <sup>19</sup> Interface <sup>19</sup> Ultra SCSI / USB2.0 / USB1.1 (Selectable)           Connector shape         SCSI: Shield type 50pin (pin type), USB: B type           SCSI Terminator         Built-in           Output mode (half-tone)         Dither / Error diffusion           Voltage or voltage range         AC 100 to 240V ±10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)           Operating environment         Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)           Dimensions: Width x Depth x Height <sup>110</sup> 301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)           Weight         Long paper scanning <sup>112</sup> ENERGY STAR <sup>6</sup> and ROHS           Others         Multi-feed detection         Seless fandard) ultrasonic multi-feed detectio  |   | Monochrome         |  |  |
| Background colors       White / Black (Selectable)         Optical resolution       600dpi         Output resolution <sup>7</sup> Color (24bit)         Grayscale (8bit)       50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>*8</sup> Output format       Color: 24bit, 8bit/4bit         Grayscale: 8bit, 4bit       Grayscale: 8bit, 4bit         Monochrome (1bit)       Monochrome: 1bit         Output format       Color: 24bit, 8bit/4bit         Grayscale: 8bit, 4bit       Monochrome: 1bit         AD converter       1024 levels (10bit)         Interface <sup>*9</sup> Ultra SCSI / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI Terminator         Built-in       Built-in         Output mode (nalf-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: 42W or less (Sleep mode: less than 6.2W)       Temperature: 5 to 35°C (42 to 95°F)         Relative humidity: 20 to 80% (Non-condensing)       301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)         Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe <sup>®</sup> Acrobat <sup>®</sup> , QuickScan <sup>TM</sup> Pro. Demo (Trial), Image processing sof  |   |                    | Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)  |  |
| Optical resolution         600dpi           Output<br>resolution <sup>77</sup> Color (24bit)<br>Grayscale (8bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>78</sup> Output format         Golor (24bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>78</sup> Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit         Golor (24bit)           AD converter         1024 levels (10bit)         Monochrome: 1bit           AD converter         Ultra SCSI / USB2.0 / USB1.1 (Selectable)         Color: 240V ± 10%           Connector shape         SCSI Shield type 50pin (pin type), USB: B type         SCSI Terminator         Built-in           Output mode (naff-tone)         Dither / Error diffusion         Voltage range         AC 100 to 240V ± 10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)         Temperature: 5 to 35°C (42 to 95°F)           Relative humidity: 20 to 80% (Non-condensing)         Boilt 1.8 x 6.4 x 6.2 in.)         Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)           Weight         4.2 kg (9.24lb)         TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>TM</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VFS Professional           Environmental compatibility <sup>111</sup> ENERGY STAR® and ROHS         ENERGY STAR® and ROHS           Others         Multi-feed detection         Yee (Standard)  | Paper chute   | capacity *6        | 50 sheets (A4: 80g/m <sup>2</sup> or 20lb) (Active loadable ADF)   |  |
| Output<br>resolution <sup>77</sup> Color (24bit)<br>Grayscale (8bit)<br>Monochrome (1bit)         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>*8</sup> Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>*8</sup> Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit         50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>*8</sup> AD converter         1024 levels (10bit)         1024 levels (10bit)           Interface <sup>*9</sup> Ultra SCSI / USB2.0 / USB1.1 (Selectable)           Connector shape         SCSI: Shield type 50pin (pin type), USB: B type           SCSI Terminator         Built-in           Output mode (half-tone)         Dither / Error diffusion           Voltage or voltage range         AC 100 to 240V ±10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)           Operating: environment         Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)           Dimensions: Width x Depth x Height <sup>*10</sup> 301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)           Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         4.2 kg (9.24lb)           Included software / drivers         TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe <sup>®</sup> Acrobat <sup>®</sup> , QuickScan <sup>TM</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional           Environmental  | Background  | colors             | White / Black (Selectable)   |  |
| resolution <sup>77</sup> Grayscale (8bit)<br>Monochrome (1bit)       50 to 600dpi (adjustable by 1dpi increments), 1200 dpi '8         Output format       Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit       Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit         AD converter       1024 levels (10bit)       Interface '9         Ultra SCSI / USB2.0 / USB1.1 (Selectable)       SCSI: Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating environment       Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)         Dimensions: Width x Depth x Height '10       301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight       4.2 kg (9.24lb)       TWAIN, ISIS <sup>TI</sup> , ScandAll PRO, Adobe <sup>®</sup> Acrobat <sup>®</sup> , QuickScan <sup>TM</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional         Environmental compatibility 1'1       ENERGY STAR <sup>®</sup> and RoHS         Others       Multi-feed detection         Multi-feed detection       Ves(Standard) ultrasonic multi-feed detection sensor         Long paper scanning '12       3048mm (122 in.)         Included iterms       ADF paper  | Optical resol   | ution              | 600dpi   |  |
| Monochrome (1bit)         Monochrome (1bit)           Output format         Color: 24bit, 8bit/4bit<br>Grayscale: 8bit, 4bit<br>Monochrome: 1bit           AD converter         1024 levels (10bit)           Interface <sup>19</sup> Ultra SCSI / USB2.0 / USB1.1 (Selectable)           Connector shape         SCSI: Shield type 50pin (pin type), USB: B type           SCSI Terminator         Built-in           Output mode (half-tone)         Dither / Error diffusion           Voltage or voltage range         AC 100 to 240V ±10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)           Operating environment         Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)           Dimensions: Width x Depth x Height <sup>110</sup> 301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)           Weight         4.2 kg (9.24lb)           Included software / drivers         TWAIN, ISIS <sup>IN</sup> , ScandAll PRO, Adobe <sup>8</sup> Acrobat <sup>6</sup> , QuickScan <sup>TM</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional           Environmental compatibility <sup>111</sup> ENERGY STAR <sup>6</sup> and RoHS           Others         Multi-feed detection           Long paper scanning <sup>12</sup> 3048mm (122 in.)           Included iterms         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe <sup>6</sup> Acrobat <sup>6</sup> CD-ROM, Getting Started, QuickScan <sup>T</sup>   | Output  | Color (24bit)      |  |  |
| Output format       Color: 24bit, 8bit/4bit         Grayscale: 8bit, 4bit       Grayscale: 8bit, 4bit         Monochrome: 1bit       Monochrome: 1bit         AD converter       1024 levels (10bit)         Interface '9       Ultra SCSI / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI: Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating environment       Temperature: 5 to 35°C (42 to 95°F)         Relative humidity: 20 to 80% (Non-condensing)       301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)         Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>TM</sup> Pro. Demo (Trial), Image processing software (Trial), VRS Professional         Environment and compatibility '11       ENERGY STAR® and RoHS         Others       Multi-feed detection         Long paper scanning '12       3048mm (122 in.)         Included items       ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM, Getting Started, QuickScan <sup>TM</sup> Pro brochure, VRS CD-ROM  | resolution*7  | Grayscale (8bit)   | 50 to 600dpi (adjustable by 1dpi increments), 1200 dpi *8  |  |
| Grayscale: 8bit, 4bit<br>Monochrome: 1bit         AD converter       1024 levels (10bit)         Interface " <sup>3</sup> Uitra SCSI / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: 42W or less (Sleep mode: less than 6.2W)       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: voltage range       AC 100 to 240V ±10%         Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)       4.2 kg (9.24lb)         Included software / drivers </td <th></th> <td>Monochrome (1 bit)</td> <td colspan="2"></td>  |   | Monochrome (1 bit) |  |  |
| Monochrome: 1bit         AD converter       1024 levels (10bit)         Interface '9       Ultra SCSI / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI: Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating: vironment       Temperature: 5 to 35°C (42 to 95°F)         Relative humidity: 20 to 80% (Non-condensing)       Bilt-in         Dimensions: Width x Depth x Height <sup>110</sup> 301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)         Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>TM</sup> Pro. Demo (Trial), Image processing software (Trial), VFS Professional         Environmentationity 11       ENERGY STAR® and RoHS         Others       Multi-feed detection         Order scanning 12       3048mm (122 in.)         Included iterms       ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM, Getting Started, QuickScan <sup>TM</sup> Pro brochure, VRS CD-ROM  | Output forma  | at                 | Color: 24bit, 8bit/4bit  |  |
| AD converter       1024 levels (10bit)         Interface "9       Ultra SCSI / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI: Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating environment       Temperature: 5 to 35°C (42 to 95°F)         Relative humidity: 20 to 80% (Non-condensing)       301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)         Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>TM</sup> Pro. Demo (Trial), Image processing software (Trial), VRS Professional         Environmental compatibility 1 <sup>11</sup> ENERGY STAR® and RoHS         Others       Multi-feed detection Yes(Standard) ultrasonic multi-feed detection sensor         Long paper scanning <sup>12</sup> 3048mm (122 in.)         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM, Getting Started, QuickScan <sup>TM</sup> Pro brochure, VRS CD-ROM  |   |                    | Grayscale: 8bit, 4bit  |  |
| Interface "9       Ultra SCSI / USB2.0 / USB1.1 (Selectable)         Connector shape       SCSI: Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating environment       Temperature: 5 to 35°C (42 to 95°F)         Relative humidity: 20 to 80% (Non-condensing)         Dimensions: Width x Depth x Height "10       301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)         Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>TM</sup> Pro. Demo (Trial), Image processing software (Trial), VRS Professional         Environmental compatibility 1 <sup>11</sup> ENERGY STAR® and RoHS         Others       Multi-feed detection         Long paper scanning <sup>12</sup> 3048mm (122 in.)         Included iterms       ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM, Getting Started, QuickScan <sup>TM</sup> Pro brochure, VRS CD-ROM  |   |                    | Monochrome: 1bit   |  |
| Connector shape       SCSI: Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating environment       Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)         Dimensions: Width x Depth x Height "1°       301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>™</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>™</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional         Environmental compatibility "11       ENERGY STAR® and RoHS         Others       Multi-feed detection<br>Long paper scanning "12         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan <sup>™</sup> Pro brochure, VRS CD-ROM  | AD converter  |                    | 1024 levels (10bit)  |  |
| Connector shape       SCSI: Shield type 50pin (pin type), USB: B type         SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating environment       Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)         Dimensions: Width x Depth x Height <sup>*10</sup> 301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>™</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>™</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional         Environmental compatibility <sup>*11</sup><br>Others       ENERGY STAR® and RoHS         Others       Multi-feed detection<br>Long paper scanning <sup>*12</sup> ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan <sup>™</sup> Pro brochure, VRS CD-ROM   |   |                    | Ultra SCSI / USB2.0 / USB1.1 (Selectable)  |  |
| SCSI Terminator       Built-in         Output mode (half-tone)       Dither / Error diffusion         Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating environment       Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)         Dimensions: Width x Depth x Height *10       301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>™</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>™</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional         Environment compatibility *11       ENERGY STAR® and RoHS         Others       Multi-feed detection<br>Long paper scanning *12         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan <sup>™</sup> Pro brochure, VRS CD-ROM  |   |                    |  |  |
| Output mode (half-tone)         Dither / Error diffusion           Voltage or voltage range         AC 100 to 240V ±10%           Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)           Operating: environment         Temperature: 5 to 35°C (42 to 95°F)           Relative humidity: 20 to 80% (Non-condensing)         301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)           Dimensions: Width x Depth x Height "10         301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)           Weight         4.2 kg (9.24lb)           Included software / drivers         TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>TM</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional           Environment = compatibility "11         ENERGY STAR® and RoHS           Others         Multi-feed detection<br>Long paper scanning "12           ADF paper chute, AC cable, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan <sup>TM</sup> Pro brochure, VRS CD-ROM   | · · ·   |                    |  |  |
| Voltage or voltage range       AC 100 to 240V ±10%         Power requirement       Operating: 42W or less (Sleep mode: less than 6.2W)         Operating = vironment       Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)         Dimensions: Width x Depth x Height <sup>110</sup> 301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>™</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>™</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional         Environmental compatibility <sup>111</sup> ENERGY STAR® and RoHS         Others       Multi-feed detection<br>Long paper scanning <sup>112</sup> ADF paper chute, AC cable, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan <sup>™</sup> Pro brochure, VRS CD-ROM   |   |                    | Dither / Error diffusion   |  |
| Power requirement         Operating: 42W or less (Sleep mode: less than 6.2W)           Operating environment         Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)           Dimensions: Width x Depth x Height *10         301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)           Weight         4.2 kg (9.24lb)           Included software / drivers         TWAIN, ISIS™, ScandAll PRO, Adobe® Acrobat®, QuickScan™ Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional           Environmental compatibility 1*1         ENERGY STAR® and RoHS           Others         Multi-feed detection<br>Long paper scanning *12           3048mm (122 in.)         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan** Pro brochure, VRS CD-ROM  | Voltage or voltage range<br>Power requirement<br>Operating environment<br>Dimensions: Width x Depth x Height <sup>*10</sup> |                    |  |  |
| Operating environment         Temperature: 5 to 35°C (42 to 95°F)<br>Relative humidity: 20 to 80% (Non-condensing)           Dimensions: Width x Depth x Height "10         301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)           Weight         4.2 kg (9.24lb)           Included software / drivers         TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>TM</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional           Environmental compatibility 1 <sup>11</sup> ENERGY STAR® and ROHS           Others         Multi-feed detection<br>Long paper scanning <sup>12</sup> 3048mm (122 in.)         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan <sup>TM</sup> Pro brochure, VRS CD-ROM   |   |                    |  |  |
| Relative humidity: 20 to 80% (Non-condensing)         Dimensions: Width x Depth x Height <sup>110</sup> 301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe <sup>®</sup> Acrobat <sup>®</sup> , QuickScan <sup>TM</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional         Environmental compatibility <sup>111</sup> ENERGY STAR <sup>®</sup> and RoHS         Others       Multi-feed detection       Yes(Standard) ultrasonic multi-feed detection sensor         Long paper scanning <sup>112</sup> 3048mm (122 in.)         Included items       ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe <sup>®</sup> Acrobat <sup>®</sup> CD-ROM, Getting Started, QuickScan <sup>TM</sup> Pro brochure, VRS CD-ROM  |   |                    |  |  |
| Dimensions: Width x Depth x Height *10       301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.)<br>Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>TM</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional         Environmental compatibility *11       ENERGY STAR® and RoHS         Others       Multi-feed detection<br>Long paper scanning *12         304 x 10 x   |   |                    |  |  |
| Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)         Weight 4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS <sup>TM</sup> , ScandAll PRO, Adobe® Acrobat®, QuickScan <sup>TM</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional         Environment compatibility 111       ENERGY STAR® and RoHS         Others       Multi-feed detection<br>Long paper scanning 112         Standard) ultrasonic multi-feed detection sensor         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan <sup>TM</sup> Pro brochure, VRS CD-ROM   |   |                    |  |  |
| Weight       4.2 kg (9.24lb)         Included software / drivers       TWAIN, ISIS™, ScandAll PRO, Adobe® Acrobat®, QuickScan™ Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional         Environmental compatibility 111       ENERGY STAR® and RoHS         Others       Multi-feed detection<br>Long paper scanning 12         3048mm (122 in.)       ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan™ Pro brochure, VRS CD-ROM   |   |                    |  |  |
| Included software / drivers         TWAIN, ISIS <sup>™</sup> , ScandAII PRO, Adobe® Acrobat®, QuickScan <sup>™</sup> Pro. Demo (Trial),<br>Image processing software (Trial), VRS Professional           Environmental compatibility <sup>111</sup> ENERGY STAR® and ROHS           Others         Multi-feed detection<br>Long paper scanning <sup>112</sup> 3048mm (122 in.)         ADF paper chute, AC cable, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan <sup>™</sup> Pro brochure, VRS CD-ROM  |   |                    | · · · · · · · · · · · · · · · · · · ·  |  |
| Image processing software (Trial), VRS Professional           Environmental compatibility 11         ENERGY STAR® and RoHS           Others         Multi-feed detection         Yes(Standard) ultrasonic multi-feed detection sensor           3048mm (122 in.)         3048mm (122 in.)         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM, Getting Started, QuickScan™ Pro brochure, VRS CD-ROM  | Included software / drivers   |                    | 51. 7  |  |
| Environmental compatibility 111         ENERGY STAR® and RoHS           Others         Multi-feed detection         Yes(Standard) ultrasonic multi-feed detection sensor           Jong paper scanning 112         3048mm (122 in.)           Included items         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan™ Pro brochure, VRS CD-ROM  |   |                    |  |  |
| Multi-feed detection         Yes(Standard) ultrasonic multi-feed detection sensor           Jong paper scanning <sup>112</sup> 3048mm (122 in.)           Included items         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM,<br>Getting Started, QuickScan™ Pro brochure, VRS CD-ROM  |   |                    |  |  |
| Long paper scanning <sup>*12</sup> 3048mm (122 in.)           Included items         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM, Getting Started, QuickScan™ Pro brochure, VRS CD-ROM   |   |                    |  |  |
| Included items         ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe <sup>®</sup> Acrobat <sup>®</sup> CD-ROM, Getting Started, QuickScan™ Pro brochure, VRS CD-ROM   | Cillers   |                    |  |  |
| Getting Started, QuickScan™ Pro brochure, VRS CD-ROM  | Included item   |                    |  |  |
|   |   |                    |  |  |
|   | *1. Supports ISO7910  |                    | Getting Starten, Quistocall ···· PIO DIOCHURE, VHO GD-HOIM   |  |

Supports ISO7810 embossed cards

Capable of scanning up to 3 cards at a time. (Note: does not support multi-embossed card feedability.) Able to digitize cards that are up to 1.25mm thick when scanning in monochrome at 200dpi (60ppm). Actual scanning speeds are affected by data transmission and software processing times. JPEG compressed figures \*2 \*3 \*4

\*5

6 Maximum capacity varies, depending upon paper weight.
77 Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex. \*8 Scanning limitations brought about by scanning mode, document size and available memory may occur when

scanning at high resolutions (600dpi or higher). \*9 Ultra SCSI interface cannot be used simultaneously with USB2.0. \*10 Excluding the ADF paper chute and stacker