



# Document Manager

- 28/35/45 ppm Black-and-White office output with 11 ppm colour capability for easy production of Black-and-White and colour or mixed office documents.
- Colour capability on demand comes without compromising Black-and-White functionality. Full performance of a Black-and-White-only MFP with network capability as standard – ensuring a high level of productivity, improved image quality and versatile paper handling.
- Automatically distinguishes Black-and-White from colour for smooth productivity and high cost efficiency.
- Features 2<sup>nd</sup> generation Toshiba e-BRIDGE controller for multifunctionality, ease-of-use and intelligent communication in print, copy, scan, fax and e-mail.
- Highly secure data handling with private print, user authentication, optional Scrambler Board and hard disk overwrite kit.

**e-STUDIO281c**  
**e-STUDIO351c**  
**e-STUDIO451c**





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<p><b>General</b></p>	<p><b>Type</b> Console  <b>Speed (both copy &amp; print)</b> B&amp;W: 28/35/45 ppm (A4)          Colour: 11/11/11 ppm (A4)  <b>Warm-up Time</b> Approx. 40 seconds  <b>Paper Size</b> A5R-A3 (Feeder, Drawer)          A5R-A3+ (Bypass)  <b>Standard Paper Capacity</b> 2 x 550 sheets (Drawer), 100 sheets (Bypass)  <b>Paper Weight</b> 64-105 g/m<sup>2</sup> (Drawer, Duplex),          64-209 g/m<sup>2</sup> (Bypass)  <b>Automatic Duplex Unit</b> Standard  <b>Memory min/max</b> Main memory: 256 MB/512 MB Shared          Page memory: 128 MB/256 MB Shared  <b>Hard Disk</b> Standard 80+ GB Shared  <b>Access Codes</b> Up to 1,000 Department/10,000 User Codes  <b>One-touch Templates (Copy, Scan, e-File, Fax)</b> 1 Public and up to 200 Private groups with each up to 60 individual buttons to customise the User Interface (including Dual-Function)  <b>Dimensions (W x D x H)</b> 660 x 742-758 x 739 mm  <b>Weight</b> Approx. 113 kg</p>
<p><b>Print</b></p>	<p><b>Page Description Languages</b> PCL6, PCL5c and PostScript 3 compatible  <b>Supported OS</b> Windows 98/NT4.0/2000, Windows XP/2003/Vista (32/64 bit), Mac OS X, Linux/Unix, NetWare, Citrix Metaframe  <b>Interface</b> 10/100BaseT (incl. IPv6), Full Speed USB, Optional: IEEE802.11b/802.11g (WiFi), Bluetooth, Parallel (IEEE 1284)  <b>Resolution</b> B&amp;W: 2,400 x 600 dpi 8 bit (with smoothing)          Colour: 600 x 600 dpi          1,200 x 600 dpi with expansion memory  <b>Additional Features</b> Proof Print, Private Print, Mixed-size Printing, Save to Box (e-Filing), Magazine Sort</p>
<p><b>Copy</b></p>	<p><b>First Copy Out Time</b> B&amp;W: 6.8 seconds          Colour: 16.2 seconds  <b>Resolution</b> Scanning: 600 x 600 dpi          Printing: 600 x 600 dpi          2,400 x 600 dpi (B&amp;W with smoothing)  <b>Original Scan Speed</b> B&amp;W: 45 spm, Colour: 22 spm (A4)  <b>Gradation</b> 256 steps  <b>Zoom</b> 25%-400% (Platen) 25-200% (RADF)          in 1% increments, various Pre-set ratios  <b>Copy mode</b> Text, Text/Photo (Default), Photo          B&amp;W: + Image Smoothing          Colour: + Printed Image, Map  <b>Multiple Copying</b> 1-999  <b>Additional Features</b> Trimming/Masking, Copy to Box (e-Filing), Cover Sheet, Sheet Insertion, Alternation, Job Build, Annotation (Date/Time), Job Reservation (11 jobs)</p>
<p><b>Scan</b></p>	<p><b>Resolution</b> 600**, 400**, 300, 200, 150 dpi  <b>Original Scan Speed</b> Greyscale 8 bit and Colour scan: + 100 dpi          B&amp;W: up to 50 spm, Greyscale: up to 45 spm          Colour: 40 spm (A4, 300 dpi)  <b>Scan mode</b> B&amp;W, Greyscale, Colour, Auto Colour Selection  <b>File Format</b> JPEG (Greyscale, Colour),          Multi/Single Page TIFF/PDF/Secure PDF/XPS  <b>Scan functions</b> Image Rotation, Mixed Size Paper scanning, WS Scan (pull/push), Scan to File (SMB, FTP), Scan to Box (e-Filing), Scan to E-Mail</p>
<p><b>Fax*</b></p>	<p><b>Communication mode</b> Super G3, G3  <b>Modem Speed</b> Max. 33.6 kbps, 1 line (2<sup>nd</sup> line optional)  <b>Transmission Speed</b> Approx. 3 seconds per page  <b>Compression Method</b> JBIG, MMR, MR, MH  <b>Usable Circuits</b> Public Switched Telephone Network (PSTN)  <b>Additional Features</b> Group Dialing, Received Fax to Box (e-Filing)  <b>Internet-Fax</b> Standard - Support T.37 (Simple Mode)  <b>Network Fax</b> Standard: Internet-Fax, Option: Super G3, G3          Fax driver for Windows 98/Me/NT4.0/2000/XP Server 2003/Vista (32 bit)</p>
<p><b>e-Filing</b></p>	<p><b>Functionality</b> Storage documents in the system for Print on Demand, Retrieval, Editing over Web Tool  <b>Input Methods</b> Copy to, Scan to, Print to, Fax to*, I-Fax to</p> <p>Productivity and paper specifications are related to a paper size of A4 and a paper weight of 80 g/m<sup>2</sup> if not otherwise mentioned.          *optional **Expansion memory needed for Greyscale 600 dpi / Colour 600, 400 dpi.</p>

**OPTIONS**

**RADF – MR-3018**  
 100 sheet capacity, A5R-A3

**PAPER FEED PEDESTAL – KD-1011**  
 1 x 550 sheet cassette std,  
 optional 2<sup>nd</sup> cassette

**CASSETTE MODULE – MY-1021**  
 (option for KD-1011)  
 550 sheet capacity

**LARGE CAPACITY FEEDER – KD-1012A4**  
 2,500 sheet capacity A4

**HANGING FINISHER – MJ-1022**  
**(e-STUDIO281c/351c ONLY)**  
 Up to 900 sheets in 2 trays  
 30 sheet single-position staple

**MULTI-STAPLE FINISHER - MJ-1101**  
 Up to 2,250 sheets in 2 trays  
 50 sheet multi-position staple

**SADDLE-STITCH FINISHER – MJ-1024**  
 Up to 2,000 sheets in 2 trays  
 50 sheet multi-position staple  
 Saddle-stitched booklets of up to 60 pages

**HOLE PUNCH UNIT – MJ-6004/MJ-6101**  
**(OPTION FOR FOR MJ-1024/MJ-1101)**  
 Available in 2-holes, 4-holes,  
 4-holes (Swedish)

**FAX BOARD – GD-1200EU**

**FAX 2<sup>ND</sup> LINE BOARD GD-1160EU-N**

**EXPANSION MEMORY GC-1180/GC-1230**  
**(128MB/512MB)**

**SCRAMBLER BOARD GP-1040**  
 Additional hard disk encryption

**DATA OVERWRITE KIT GP-1060**

**WIRELESS LAN MODULE GN-1041**

**BLUETOOTH MODULE GN-2010**

The system software of the e-STUDIO281c/351c/451c with the Data Overwrite Kit (GP-1060) was certified to Common Criteria EAL3 conforming to ISO/IEC15408.

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