

## **e-STUDIO3508LP/4508LP**

- > The world's first black and white multifunction system with erasable print function
- > Thanks to the unique Hybrid printing technology, one single device can output black and white as well as reusable prints, which saves paper
- > Equipped with state-of-the-art features for modern document workflows
- > Designed for businesses that want to combine ecology, economy and efficiency



## Main Specifications

|                                 |   |
|---------------------------------|---|
| <b>Copy System</b>              | Indirect Electrostatic Photographic Method/OPC/Laser Printing/Heat Roller Fusing  |
| <b>Display</b>                  | 9" Colour WVGA Touch Screen Tilting Display   |
| <b>Copy Speed</b>               | 35/45 PPM (LT)  |
| <b>Erasable Blue Speed</b>      | 35 PPM  |
| <b>Erase Speed</b>              | 8.5 PPM   |
| <b>First Copy Out</b>           | Less than 5.9/4.4 Sec.  |
| <b>First Copy Out</b>           | Less than 7.8 Sec. (Erasable Blue)  |
| <b>Warm-Up Time</b>             | Approx. 20 Seconds  |
| <b>Copy Resolution</b>          | 2,400 x 1,200 dpi with Smoothing  |
| <b>Stack Feed Bypass</b>        | 3.9" x 5.8" to LD, Envelope   |
| <b>Multiple Copying</b>         | Up to 999 Copies  |
| <b>Paper Capacity</b>           | Standard 1,200 Sheets/Max. 3,200 Sheets   |
| <b>Original Feed</b>            | Optional 300-Sheet DSDf or 100-Sheet RADF   |
| <b>Scan Speed &amp; Weights</b> | DSDf Scan: Up to 240 IPM Duplex, 120 IPM Simplex (Monochrome or Colour), Simplex: 9.3-110 lb Bond, Duplex: 9.3-110 lb Bond<br>RADF Scan: Up to 73 IPM (Monochrome or Colour); Simplex: 9.3-41.8 lb Bond, Duplex: 13.3-41.8 lb Bond  |
| <b>Max. Original Size</b>       | LD  |
| <b>Paper Feed Sizes</b>         | Drawer 1: 550 Sheets-ST-R to LD<br>Drawer 2: 550 Sheets-ST-R to LD<br>Stack Feed Bypass: 100 Sheets-3.9" x 5.8" to LD<br>Opt. 550-Sheet Paper Feed Pedestal-ST-R to LD<br>Opt. 550-Sheet Drawer for PFP-ST-R to LD<br>Opt. Envelope Cassette for PFP-Approx. 60 Envelopes/550 Sheets-ST-R to LG<br>Opt. 2,000-Sheet Tandem LCF (Pedestal Type)-LT Only<br>Standard: 550 Sheets x 2-16 lb Bond-140 lb Index<br>Stack Feed Bypass: 100 Sheets-14 lb Bond-140 lb Index<br>Opt. 550-Sheet Paper Feed Pedestal-16 lb Bond-140 lb Index<br>Opt. 550-Sheet Drawer for PFP -16 lb Bond-140 lb Index<br>Opt. Envelope Cassette for PFP-16 lb Bond-140 lb Index<br>Opt. 2,000-Sheet Tandem LCF (Pedestal Type), 17-28 lb Bond<br>Standard Automatic Duplex Unit (16 lb Bond-140 lb Index) |
| <b>Paper Weights</b>            |   |
| <b>Duplex</b>                   | 25% to 400%   |
| <b>Reproduction Ratio</b>       | 210K Month  |
| <b>Max Duty Cycle</b>           | Approx. 128 lb  |
| <b>Weight</b>                   | 23" (W) x 23" (D) x 31" (H)   |
| <b>Approx. Dimensions</b>       | 38.4K (Black)   |
| <b>Toner Yield</b>              | 21.5K (Erasable Blue)   |
| <b>Power Source</b>             | 120 Volts, 50/60 Hz, 15 Amps  |
| <b>Power Consumption</b>        | Maximum 1.5kW (120V)  |
| <b>CPU</b>                      | Intel Atom™ 1.33GHz (Dual-Core)   |
| <b>Memory</b>                   | 4GB   |
| <b>Hard Disk Drive</b>          | 320GB Self-Encrypting Drive FIPS 140-2 Validated  |

## e-BRIDGE Next Print Specifications

|                               |   |
|-------------------------------|---|
| <b>PDL</b>                    | PCL5e, PCL5c, PCL6 (PCL XL), PS3, PDF, XPS, JPEG  |
| <b>Black Print Speed</b>      | 35/45 Pages Per Minute (LT)   |
| <b>Erasable Blue Speed</b>    | 35 PPM  |
| <b>Print Resolution</b>       | 600 x 600 dpi (1 bit) or 2,400 x 600 dpi (with Smoothing), 1,200 x 1,200 dpi (2 bit) or 3,600 x 1,200 dpi (with Smoothing) PS3 Only   |
| <b>Operating Systems</b>      | Windows® Vista, Windows Server® 2008/R2, Windows® 7, 8, 8.1, 10, Windows Server® 2012/R2, Macintosh® (Mac OS x 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11), Unix®, Linux®   |
| <b>Network Protocols</b>      | TCP/IP (IPv4, IPv6), NetBIOS over TCP/IP, IPX/SPX® for Novell® Environments, EtherTalk® for Macintosh Environments  |
| <b>Printing Protocols</b>     | SMB, LPR/LPD, IPP (Ver.1.1) w/Authentication, AppleTalk PAP or EtherTalkTM, Port 9100 (bi-directional), NetWare P-SERVER LPD w/ iPrint, WS Print, FTP   |
| <b>Print Drivers</b>          | Windows® Vista SP2 (32-bit, 64-bit), Windows Server® 2008 SP2 (32-bit, 64-bit), Windows Server® 2008 R2 SP1 (64-bit), Windows® 7 SP1 (32-bit, 64-bit), Windows® 8/8.1 (32-bit, 64-bit), Windows Server® 2012/R2 (64-bit), Windows® 10 (32-bit, 64-bit), Mac OS® X 10.6.8, 10.7.4, 10.8, 10.9, 10.10 RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (High-speed), Optional 802.11b/g/n, Wireless LAN, Optional Bluetooth |
| <b>Interface</b>              |   |
| <b>Wireless Device</b>        | AirPrint®, Mopria®, e-BRIDGE Print & Capture Application on iOS and Android (Available via Apple App Store or Google Play)  |
| <b>Device Management</b>      | TopAccess, EFMS 6.2 (e-BRIDGE Fleet Management Software)  |
| <b>Account Control</b>        | Up to 10,000 users or 1,000 Departments Supports User Authentication (on Device), Login Name/Password (via Windows domain) or Login Name/Password (via LDAP Server) for Copy, Print, Scan, Fax, List, and User Function   |
| <b>Accessibility Features</b> | Tilt Front Panel, Job Programs, Universal Grip for Paper Trays, Disable Screen  |

### Security Features

Timeout and Audible Beep Message Alerts  
User Authentication, On-Board Data Scramble Function, SCEP, Disable e-Filing, Disable Copy, Disk Overwrite, IP Address Filtering (10 Sets), MAC Address Filtering (10 Sets), Network Service Control, Network Port Control, SMB Packet Signing, SSL (HTTP, IPP, LDAP, SMTP, POP, FTP, DPWS), IPsec (IKEv1, IKEv2), Security Mode Change, CC Certified (ISO/IEC15408 EAL3+)\*, IEEE2600.1, IEEE802.1X, Digital Signature for Client Utilities, Password Policy, Password Lock, Password Expiration, Self Testing, Job Access Control, Log Access Control for Job Log, Security Stamp  
\* Compliant with IEEE2600.1 in High security mode.

### Environmental Stds.

Energy Star (V2.0), EPEAT Gold, Blue Angel Mark (RAL UZ-171, MFD), Californian Proposition 65, Nordic Swan, RoHS  
WHQL (Windows 7, 8, 8.1, 10, 2008 R2, 2012, 2012 R2), Novell, Citrix, SAP

### Certification

## Scan Specifications

|                          |  |
|--------------------------|--|
| <b>Scan Speed</b>        | DSDf Scan: Up to 240 IPM Duplex, 120 IPM Simplex (Monochrome or Colour)<br>RADF Scan: Up to 73 IPM (Monochrome or Colour)  |
| <b>Scan Modes</b>        | Standard: Full Colour, Auto Colour, Monochrome, Grayscale  |
| <b>Scan Resolution</b>   | 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi   |
| <b>File Formats</b>      | Monochrome: TIFF-Multi/Single Page, PDF-Multi/Single Page, Searchable PDF (Opt.), XPS-Multi/Single Page, DOCX (Opt.), XLSX (Opt.), PPTX (Opt.)<br>Colour/Grayscale: JPEG, TIFF-Multi/Single Page, PDF-Multi/Single Page, Slim PDF, Searchable PDF (Opt.), XPS-Multi/Single Page, DOCX (Opt.), XLSX (Opt.), PPTX (Opt.) |
| <b>Image Compression</b> | Colour/Grayscale: JPEG (High, Middle, Low)   |

## Facsimile Specifications

|                            |  |
|----------------------------|--|
| <b>Compatibility</b>       | Super G3   |
| <b>Data Compression</b>    | MH/MR/MMR/JBIG   |
| <b>Transmission Speed</b>  | Approx. 3 Seconds per Page   |
| <b>Fax Modem Speed</b>     | Up to 33.6 Kbps  |
| <b>Memory Transmission</b> | 100 Jobs (with HDD), 2,000 Destinations Max. 400 Destinations /Job |
| <b>Scan Speed</b>          | 0.7 Seconds per Page, Maximum 73 IPM                               |

## e-Filing Specifications

|                          |   |
|--------------------------|---|
| <b>Operation Method</b>  | Colour Touch Screen Control Panel or Client PC                            |
| <b>Number of Boxes</b>   | 1 Public Box, 200 Private User Boxes                                      |
| <b>Capacity of Boxes</b> | 100 Folders Per Box, 400 Documents Per Folder/Box, 200 Pages per Document |

## Accessories (Options)

|   |           |                                 |           |
|---|-----------|---------------------------------|-----------|
| <b>Platen &amp; Document Feeder Options</b> |           | Meta Scan Enabler               | GS-1010   |
| DSDF  | MR-4000   | IPsec Enabler                   | GP-1080   |
| RADF  | MR-3031   | Unicode Font Enabler            | GS-1007   |
| Platen Cover                                | KA-5005PC | Embedded OCR Enabler            |           |
|   |           | Single License                  | GS-1080   |
|   |           | Five Licenses                   | GS-1085   |
| <b>Additional Paper Options</b>             |           | Multi-Station Print Enabler     |           |
| Paper Feed Pedestal                         | KD-1058   | Single License                  | GS-1090   |
| Drawer Module                               | MY-1048   | Five Licenses                   | GS-1095   |
| Envelope Cassette Option                    | MY-1049   | Advanced Scanning (ReRite)      | GB-1280   |
| Large Capacity Feeder                       | KD-1059LT |                                 |           |
| <b>Finishing Options</b>                    |           | <b>Miscellaneous Options</b>    |           |
| Inner Finisher                              | MJ-1042   | Stand                           | ST-5005   |
| 50-Sheets Staple Finisher                   | MJ-1109   | Accessible Arm                  | KK-2560   |
| Saddle-Stitch Finisher                      | MJ-1110   | Harness Kit for Coin Controller | GQ-1280   |
| Hole Punch Unit for MJ-1042                 | MJ-6011N  | Dedicated Erase Unit            | KH-1021NA |
| Hole Punch Unit for MJ-1109/MJ-1110         | MJ-6105N  |                                 |           |
| Bridge Kit                                  | KN-5005   |                                 |           |
| Job Separator                               | MJ-5015   |                                 |           |
| <b>Connectivity/Security Options</b>        |           |                                 |           |
| FAX Unit/2nd Line for FAX Unit              | GD-1370NA |                                 |           |
| Wireless LAN/Bluetooth                      | GN-4020   |                                 |           |
| Bluetooth Keyboard                          | GR-9000   |                                 |           |
| Accessory Tray                              | GR-1250   |                                 |           |
| Panel 10-Key Option                         | GR-1260   |                                 |           |
| Card Reader Holder                          | GR-1290   |                                 |           |



Windows 7 Compatible  
Windows 8 Compatible  
Windows 10 Compatible

Designs and specifications subject to change without notice. For best results and reliable performance, always use supplies manufactured or designated by Toshiba. Not all options and accessories may be available at the time of product launch. Please contact a local Authorized Toshiba Dealership or Toshiba Business Solutions Branch for availability. Toner yields are estimates based on 5% coverage, letter-size page. Driver and connectivity feature support varies by client/network operating system. Product names may be trademarks of their respective companies. This is a Class 1 laser product complying with IEC60825-1.

Inv. Code CE-ES3508LP-B

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