TOSHIBA
Leading Innovation >>>

The Difference is Colour.
The Speed is Business.

PRINT

COPY

SCAN

FAX

EMAIL

e·STUDIO 2330c/2820c/3520c/4520c

e·STUDIO 2330c / 2820c / 3520c / 4520c

The Power of Colour
at the Speed of Business

The Toshiba e-STUDIO2330c/2820c/3520c/4520c multifunction devices aren't just colour printers.

They're business tools. Powerful business tools. Business tools that can make a visible difference in the way your business looks, communicates and succeeds. Colour communicates, clarifies, educates and impresses. Now colour is fast, economical and easy to use with Toshiba's e-STUDIO2330c/2820c/3520c/4520c multifunction colour devices.
Use them to your advantage.

Colour That Means Business

Using colour has often been considered a trade off. The trade off is now over.

With Toshiba e-STUDIO2330c/2820c/3520c/4520c colour Multifunction Devices (MFD), you get high speed, high quality halftones and uncompromising colour quality.

Beautiful colour. Accurate colour. Colour that means business.

Toshiba colour is business colour without compromise. Innovations such as our patented e-Fine processors, microfine toner, new developer system and a four-drum laser array with patented intermediate transfer belt ensure the highest quality colour.

In today's business environment, colour isn't a luxury. It's a necessity.

system 8e

efi | Fiery System 8e
SERVER & CONTROLLER SOLUTIONS

For outstanding performance, seamless network integration, and unrivaled colour quality in a variety of print environments, count on the Fiery System 8e Embedded Controller as a powerful document workflow solution for any task.

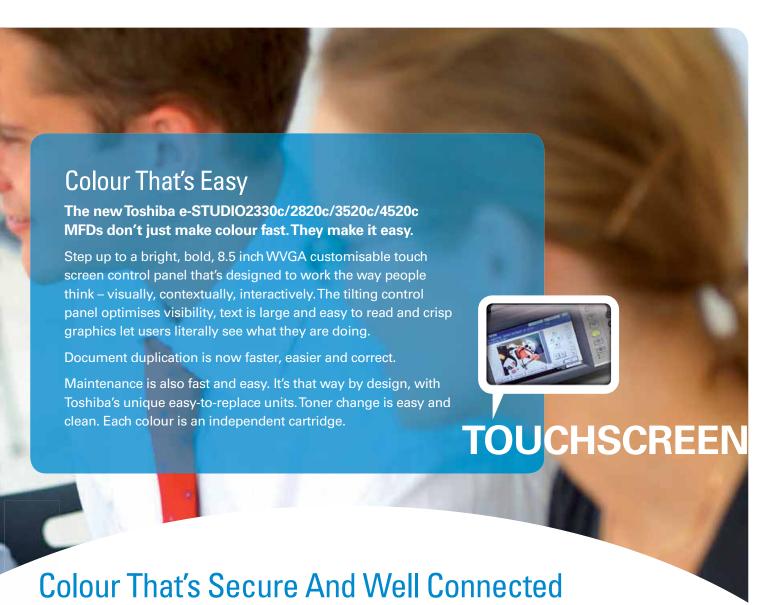*Watch your productivity skyrocket with the optional EFI Fiery System 8e Controller*

Next-Generation e-BRIDGE Architecture

The e-STUDIO2330c/2820c/3520c/4520c MFDs come with Toshiba's proprietary e-BRIDGE architecture. This innovative all-in-one hardware design allows the devices to share system resources, making image processing more efficient. As a result, users complete more tasks faster.

e·BRIDGE Re-Rite®

Make your device even more productive

Convert scanned documents into 17 file types with the touch of a button

Optional optical character recognition (OCR) software transforms hardcopy text and graphic documents into easily-editable file formats including .doc, .html, .pdf and more. This innovative technology automatically performs OCR and file conversions on the fly. Converted images can then be sent to network drives, Email, or both.

copy
scan
fax
print
network
internet fax
unified
interface

2330c/2820c/3520c/4520c

No Waiting in This Line

Business won't wait. And you won't have to wait with the e-STUDIO2330c/2820c/3520c/4520c multifunction devices.

USB

These are business tools, built for speed. They print at up to 45 pages per minute. They scan your original documents at up to 57 pages per minute. And even perform double-sided scanning, using our automatic reversing document feeder. The speed advantage increases even further when you opt for the automated finishing units that can collate, hole punch and staple. What you get is completed sets. **Fast.**

Good For You, Good For The Earth

Toshiba is committed to making the world a better place by reducing the use of chemicals that are harmful to the environment. Which is why approximately 50% of the base materials in our printed circuit boards contain no halogen, and are more than 70% constructed using lead-free solder. Additionally, the e-STUDIO2330c/2820c/3520c/4520c are Energy Star compliant and offer energy saver modes and sleep mode to reduce power consumption when not in use.

Colour That's Easy

The new Toshiba e-STUDIO2330c/2820c/3520c/4520c MFDs don't just make colour fast. They make it easy.

Step up to a bright, bold, 8.5 inch WVGA customisable touch screen control panel that's designed to work the way people think – visually, contextually, interactively. The tilting control panel optimises visibility, text is large and easy to read and crisp graphics let users literally see what they are doing.

Document duplication is now faster, easier and correct.

Maintenance is also fast and easy. It's that way by design, with Toshiba's unique easy-to-replace units. Toner change is easy and clean. Each colour is an independent cartridge.

TOUCHSCREEN

Colour That's Secure And Well Connected

Not all business is everybody's business, and you can be assured of keeping it that way with the security features of the Toshiba e-STUDIO2330c/2820c/3520c/4520c MFDs.

You can create a highly secure environment, protected not just by department and user codes but also multiple levels of security. The e-STUDIO2330c/2820c/3520c/4520c MFD series is ISO/IEC 15408 compliant, and feature standard AES hard disk encryption, 802.1X network authentication, IPSec and SNMP3.

Connectivity increases throughput, communication, and productivity, which is why connectivity is extensive and accessible on the e-STUDIO2330c/2820c/3520c/4520c MFDs.

Input to the e-STUDIO2330c/2820c/3520c/4520c MFDs can be hard copy or electronic. Use the automatic document feeder to input documents to the scanner. Use the Ethernet 100baseT or USB port to connect from your network, or to plug in a USB thumb drive for quick transfer and portability.

A new Open Architecture Platform capability means that third parties can readily provide software solutions.

Connectivity. All part of the plan with the e-STUDIO2330c/2820c/3520c/4520c MFDs.

Make your device even more productive

Sure, the e-STUDIO2330c/2820c/3520c/4520c MFD series can handle colour, but what about paper? These devices come standard with two 550-sheet universal cassettes and a 100-sheet bypass tray. You also have the option of adding two additional 550-sheet cassettes, or a 2,500-sheet tandem large-capacity feeder for a maximum paper capacity of 3,700 sheets, from up to five different paper sources.

2330c/2820c/3520c/4520c

Colour That's High Value

The bottom line measure of success is return on investment.

Bottom line is that Toshiba's e-STUDIO2330c/2820c/3520c/4520c multifunction colour devices give you the best colour and the best ROI. They do that by being quick in input, quick in throughput, quick to communicate, and less costly to operate. They do it by being easy to use, versatile, and secure. It adds up to high value and high return on investment.

The Toshiba e-STUDIO2330c/2820c/3520c/4520c multifunction colour devices – business tools.

Easily Replaceable Units (ERU) design saves money on service costs and maximises uptime

Set permissions for colour printing and copying either by department or individually to track and manage costs

Tilting, full colour, 8.5 inch WVGA panel increases visibility, making the devices easier to use and access

Professional document finishing, including stapling, hole punch and saddle-stitch

Standard hard-disk AES encryption for added data security

Print from and scan to USB Flash Drive

A compact design with inner exit tray saves valuable space

A standard Stackless Automatic Duplexing Unit (ADU) handles two-sided originals quickly and easily to reduce paper costs

Single-pass, intermediate image transfer belt

Bypass Tray handles up to 280g/m^2 stock

Using all five sources the e-STUDIO has a maximum paper capacity of up to 3,700 sheets

Double-siding of thick paper stock up to 256g/m^2 is supported from the top two cassettes

Build to order – flexible configuration

Finisher

Reversing Automatic Document Feeder

Work Tray

Data Overwrite Kit

Saddle-stitch Finisher   Hole Punch

All-in-one e-Bridge Controller

Options

Fax	Fax Board Fax 2nd Line Board
Wireless	Wireless LAN Adapter Antenna
Other	EFI Controller Expansion Memory for EFI Controller Harness Kit for Coin Controller e-BRIDGE Re-Rite™ OCR Package e-BRIDGE Fleet Management System Toshiba ID-Gate

Paper Feed Pedestal

Drawer Module

Machine Cabinet

Large Capacity Feeder

Finisher   Hole Punch

a.   b.   c.   d.

Copy Features

> Access Codes (1,000 Department /10,000 Users)
> Annotation (Date / Time Print)
> AMS / APS (RADF and Platen)
> Auto Job Start
> Auto Cassette Change
> Auto Trayless Duplex
> Auto Energy Saver
> Auto Sleep Mode
> Cover Sheet
> Dual-Page Copying
> Edge Erase
> e-FILING (Document Storage)
> ACS (Auto Colour Selection)
> Advanced Colour Settings
> Electronic Sort
> Energy Saver
> Image Shift
> Interrupt

> Job Templates
> Job Reservation (Scan Ahead)
> Magazine Sort (Booklet-Making Mode)
> Mirror Image
> Negative / Positive
> Page Numbering
> Security
> Sheet Insertion
> Weekly Timer
> X-Y Zoom
> 2-in-1, 4-in-1, 8-in-1 Duplex
> Omit blank page
> Proof copy
> Job build
> Outside original erase

Print Features

> Cover Sheet
> DocMon (Document Monitor Utility)
> Duplex Printing
> Hole Punch
> Magazine Sort
> Mixed-Size Printing
> Private Print
> Proof Print
> Saddle-Stitch
> Booklet Mode
> Custom Margin
> Custom Paper Size
> Scheduled Print
> Sheet Insertion
> Stapled Sets
> Store to e-FILING
> Watermark
> Advanced Colour Settings
> User Pre-sets (with sharing)
> ICC Profile Support

Scan Features

> Scan-to-File
> Scan-to-e-FILING
> Scan-to-Email
> Scan-to-USB
> TWAIN Compatible
> Tiff, PDF, Slim PDF, XPS, (Single/Multiple)
> PDF security
> Scan preview
> Omit blank page
> Outside original erase

Device Management Features

> Access Restrictions
> Automatic Supply Ordering
> Department Code Enforcement
> Email or Fax Notification for Counters and Preventative Maintenance
> Email Notification for Service Calls
> TopAccess Device Management Utility

Fax Features

> Address Book (1,000 Addresses)
> Automatic Redial
> Broadcasting (Max.1,000 Destinations)
> Chain Dialing
> Delayed Transmission
> Direct Transmission
> Double-Sided Scanning and Reception
> Dual Access
> Group Dialing (Max. 200 Groups/400 Destinations/Group)
> Optional Second Line
> Network Faxing
> Polling
> Priority Transmission
> Public Mailbox (F-Code)
> Route Fax to Folder/Email/e-FILING
> TX / RX Reporting
> Auto Duplex Reception
> Tray Selection Reception

GENERAL

Type	Desktop
Maximum original paper size	A3
Print/copy speed (A4)	Colour: 23/28/35/45 ppm, B&W: 28/28/35/45 ppm
Paper input capacity (80g/m², A4)	Standard: 550 sheets x 2 (Drawer), 100 sheets (Stack Feed Bypass)
Note: Paper input capacity depends on system configuration.	Optional: 2,500 sheets (LCF) or 550 sheets (Paper Feed Pedestal), 550 sheets (Drawer for PFP)
Paper size & weight	Drawers: A5-R — A3, 64 — 256g/m²
	Stack Feed Bypass: A6-R — 320 x 460mm, 64 — 280g/m²
Hard disk drive/memory	80GB (Shared) / Main memory: 1GB, Page Memory: 512MB
Warm-up time	Approx. 160 sec. (4520c), 89 sec. (2330c/2820c/3520c) from low-power mode
Power consumption	Max. 2.0kW (220-240V)
Dimensions (W x D x H)	699 x 774 x 759mm (W/ADU and SFB: Std.) *Height at original glass
Weight	Approx. 123kg
Special Features	Energy Saver, Weekly Timer, Templates (12,060)

COPYING FUNCTIONS

Original size	A3 — A5-R
Copy size	Drawers: A3 — A5-R, SFB: 320 x 460mm — A6-R, BANNER: 305 x 1200mm
Resolution	Scanning: 600 x 600 dpi, (10 bit/1024 levels)
	Copying: 600 x 600 dpi, 8 bit (Full colour)
Original scanning speed	45 spm (A4)
First copy time	Min. 6.5/5.2/5.2 sec. (B&W),
	Min. 8.4/8.4/6.8 sec. (Full colour)
Multiple copies	1 to 999 sheets
Colour mode	Auto Colour Selection (ACS), Full Colour, Twin Colour, Mono Colour, B&W
Copy mode	Text, Text/Photo, Photo, Printed Image, Map, Image Smoothing Note: Not available in all colour modes.
Reproduction Ratio	25% to 400% (1% Increment) (Glass)
	25% to 200% (1% Increment) (Original on RADF)
Exposure control	Automatic/Manual (11 steps)
Major features	

•2 in 1/4 in 1/8 in 1(Duplex) •Rotation Copy •Alternation •Annotation •X-Y Zoom •Triming/Masking •Magazine Sort •Job Reservation •Job Build •Book Center Erase •Image Shift •Proof Copy •RGB Adjustment •Background Adjustment

PRINTING FUNCTIONS

CPU	866MHz (Shared)
Hard disk drive	80GB (Shared)
Print engine resolution	Max. 600 x 600 dpi, 8bit
Supported OS	Windows 2000/XP/2003 server/Vista (32, 64 bit)
	Mac OS X 10.1 or later
	UNIX (SUN Solaris 2.6, 2.7, 7, 8, 9, HP-UX (10.20, 11x), IBM AIX (4.3.3), Linux, SCO, CUPS, AS400 (9.00, WCD), SAP (R3), PCL/PS)
Interface	Standard: 10/100/baseT, USB 2.0/(Hi Speed USB)
	Option: IEEE802.11b/g (Wireless LAN module)
Network OS	Windows 2000/2003 server/Vista, Citrix MetaFrame, NetWare6.0/6.5 (NDPS)
Network protocols	TCP/IP (IP v4/v6), IPX/SPX, Ether Talk, NetBIOS over TCP/IP, Configurable Raw Ports (16)
PDL	PCL6 Emulation, PostScript3 Emulation, XPS
ICC Profile	Source Profile: RGB/CMYK (16 each). Output Profile: CMYK (64). PDL Supported: PS, XPS. Printer Driver Customisation (PDC) Tool, e-BRIDGE Colour Profiler
Major features	

•Scheduled Print Job •Private Print •Proof Print •Watermark Printing •N-up Printing •Magazine Sort •Image Overlay •Booklet Printing •Tab Paper Printing •Custom Paper •Save to Box (e-filing) •Department Code (1,000 kinds) •Account Code (10,000 kinds) •USB Direct Print *Secure Pattern Printing •Banner Printing (305 x 1200mm)

SCANNING FUNCTIONS

Scanning speed (A4)	Colour/B&W: Up to 57 spm (300 dpi)
Scanning mode	Auto Colour Selection (ACS), Colour, Grayscale, B&W
Scan format (Colour)	B&W: TIFF-Multi/Single page, PDF-Multi/Single Page, XPS-Multi/Single page
	Grayscale/Colour: JPEG, TIFF-Multi/Single page, PDF-Multi/Single Page, Slim PDF, XPS-Multi/Single Page
	ACS: TIFF-Single page, PDF-Multi/Single Page, XPS-Multi/Single Page
Scanning resolution	600/400/300/200/150/100 dpi
PDF Security	Password: User, Master. Encryption: 40 bit, RC4, 128 bit RC4, AES. Authority: Print, Change, Extract, Accessibility
Major features	

•2-sided Scan •Image Rotation •Mixed Size Paper Scanning •Scan to Email •Scan to file (SMB, FTP) •Scan to e-filing •Scan to USB •Scan Preview •WS Scan •Omit Blank Page •Outside Original Erase •Address Book •LDAP

ELECTRONIC FILING FUNCTIONS

User box	200
Number of folders	100 folders per Box
Number of documents	400 documents per Box/Folder
Number of pages	200 pages per document
Input to box (Multi agent)	Copy & Box, Print & Box, Received Fax to file & Box, Received I-fax to File & Box (w/o Sub No.), Received Fax to Email & Box, Received Fax to Fax/I-fax relay & Box, Received I-fax to I-fax reply & Box, Fax to Mailbox & Box, Scan to file & Box, Scan to email & Box
Box N/W access applications	TWAIN driver, File Downloader

INTERNET-FAX/NETWORK-FAX FUNCTIONS

Compatibility	T.37 (Simple Mode)
Drivers	Windows 2000/XP/Vista
Major features	

•Incoming Fax Routing to file, email, address book, broadcasting

NETWORK/DEVICE MANAGEMENT UTILITY

•TopAccess •TopAccess DocMon •Address Book Viewer

SOFTWARE

•e-BRIDGE Job Separator (Opt.) •e-BRIDGE Job Build (Opt.) •File Downloader •HP Openview (Plugin) •IBM Tivoli (Plugin) •Auto email notification of events, total counter, PM and service calls

AUTHENTICATION

Device Admin	10 Digit (Alphanumeric) with invalid account block
Black free Mode	Access code only required for colour use
Department Codes (1000)	Copy, fax, print, scan (with user limits and reporting)
User codes (10,000)	MFD Local, LDAP, WINDOWS DOMAIN
Role Based Access (10,000)	User role control (Copy, Fax, Internet fax, Scan, Print, e-FILING, Address Book, Templates.)
Scan to Email	SMTP (Plain/Login/CRAM-MD5/Digest-MD-5/Auto, STARTTLS/OverSSL,POP before SMTP) LDAP Ver.3.0 (SASL/PLAIN/CRAM-MD5/Digest-MD5/Kerberos)
SSL	HTTP, IPP, LDAP, SMTP, POP, FTP
Print	Private Print (63 character alphanumeric)
e-Filing	200 user boxes (5 digit pin)
Templates	12,060 templates (5 digit pin)

OPTIONS

RADF(Reversing Automatic Document Feeder) MR-3018

Original capacity (80g/m²)	100 sheets (A3, A4) (up to 1,000 pages in continue mode)
Original setting	Face-up
Available original size & weight	A3 — B5-R, 35-157g/m² (single sided), 50-157g/m² (double sided)
Dimensions (W x D x H) & Weight	600 x 523 x 135mm, Approx. 12.5kg

Finisher MJ-1031

Speed (A4)	Non-sort/Group/Sort/Staple
	B&W: 28/28/35/45 ppm, Colour: 23/28/35/45 ppm
Capacity (80g/m²)	Approx. 1,000 sheets (A4, B5, A5-R)
	Approx. 500 sheets (A4-R, B4, A3, B5-R)
Staple (80g/m²)	Approx. 30 sets, 130mm or 1,000 sheets (A4, B5),
	Approx. 30 sets, 65mm or 500 sheets (A4-R, B4, A3, FOLIO)
Dimensions (W x D x H) & Weight	411 x 594.5 x 383mm, Approx. 12kg

Finisher MJ-1101

Speed (A4)	Non-sort/Group/Sort/Single staple/Hole punch
	B&W: 28/28/35/45 ppm, Colour: 23/28/35/45 ppm
Capacity (80g/m²)	Stationary Tray: Approx. 250 sheets (A4, B5, A5-R)
	Approx. 125 sheets A4-R, B4, A3, B5-R, FOLIO
	Finishing Tray: Approx. 2,000 sheets (A4, B5, A5-R)
	Approx. 1,000 sheets (A4-R, B4, A3, B5-R, FOLIO)
Staple (80g/m²)	Finishing Tray: Approx. 50 sets (A4, B5)
	Approx. 30 sets (A4-R, B4, A3, FOLIO)
Dimensions (W x D x H) & Weight	535 x 598 x 1,092mm, Approx. 34.0kg

Finisher MJ-1030 (Saddle-stitch type)

Capacity & paper weight	Non-sort/ Sort/ Staple Sort/ Group/ Saddle stitch/ Hole Punch (Option):
	Top bin/Bottom bin: 1000 sheets (A4, B5, A5R), 500 sheets (A4R, B4, A3, B5R, FOLIO), 80 g/m²
Paper size & weight	A3-A5R (staple:105 g/m², non-staple:depends on MFD)
Staple capacity	50 sheets (A4, B5 80 g/m²)
	30 sheets (A3, B4, A4R, FOLIO, 80 g/m²)
Staple position	Multi-position (5 kinds), Saddle stitch
Saddle stitch	Paper size: A3, B4, A4R
	Staple capacity: 15 sheets (80 g/m²)
Dimensions (W x D x H) & weight	649 x 657 x 1086 mm / 70 kg

Hole Punch Unit MJ-6101N (for the MJ-1101 Finisher)

Dimensions (W x D x H) & Weight	112 x 573 x 323mm, Approx. 7.0kg

Hole Punch Unit MJ-6004N (for the MJ-1030 Finisher)

Dimensions (W x D x H) & Weight	112 x617 x 378mm, Approx. 9.0kg

Bridge Kit Prerequisite for installation of Finisher KN-4520

Staple STAPLE-2000, STAPLE-2400, STAPLE-600

Paper Feed Pedestal KD-1023

Paper supply (80g/m²)	Approx. 550 sheets
Paper size & weight	A3 — A5-R (64 — 256 g/m²)
Dimensions (W x D x H) & Weight	623 x 642.3 x 320mm, Approx. 21.3kg

Drawer Module MY-1032

Paper supply (80g/m²)	Approx. 550 sheets
Paper size & weight	A3 — A5-R (64 — 256 g/m²)
Dimensions (W x D x H) & Weight	526 x 553.5 x 107mm, Approx. 3.7kg

Large Capacity Feeder KD-1024

Paper supply (80g/m²)	Approx. 2,500 sheets
Paper size	A4 (64 — 105 g/m²)
Dimensions (W x D x H) & Weight	623 x 642.3 x 307.5mm, Approx. 26.7kg

EFI Controller GA-1211

FAX Unit GD-1250

Compatibility	Super G3, G3
Number of lines	1 line (2nd line is optional)
Modem speed	Max. 33.6k bps
Data compression method	JBIG, MMR, MR, MH
Communication protocols	ITU-T T.30
Transmission speed	Approx. 3 sec. per page
Scanning mode	Text, Text/Photo, Photo, B&W only
Gray scale	256 steps

•2nd Line for FAX Unit GD-1260EU •Wireless LAN Module GN-1050 •Antenna GN-3010 •Harness Kit For Coin Controller GQ-1110 •Data Overwrite Enabler GP-1070 •Imaging Acceleration Board GE-1170 •e-BRIDGE ID Gate KP-2004 for HID/KP-2005 for MIFARE•Meta Scan Enabler GS-1010 •IPSec Enabler GP-1080 •External Interface Enabler GS-1020 •e-BRIDGE Job Separator •e-BRIDGE Job Build •e-BRIDGE Re-Rite GB-1280

Platen Cover KA-3511PC

Dimensions (W x D x H) & Weight	546 x 489 x 44.4mm, Approx. 1.6kg

Work Tray KK-3511

Dimensions (W x D x H) & Weight	282 x 471 x 108.2mm, Approx. 1.1kg

ISO 9001 and ISO 14001 Certifications

These highly acclaimed certifications are recognised worldwide as measures of top quality and environmental management excellence. They are awarded to manufacturers for facilities and practices meeting strict standards set by the Geneva based International Standardization Organization. To date, four copier sales affiliates and all Toshiba TEC manufacturing facilities where copiers, accessories, supplies and parts are produced have received ISO 9001 certification, while four copier sales affiliate and all Toshiba TEC manufacturing facilities have received ISO 14001 certification — even more reasons to count on Toshiba.

TOSHIBA
Leading Innovation >>>>

R080211F5600-TTEC
TAP2330c/2820c/3520c/4520cBRO0309CCDV2