TECHNICAL BULLETIN ECOSYS M3860idn/M3860idnf

SUBJECT:	BULLETIN INDEX	09/27/19

SUBJECT: **BULLETIN #**

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KYOCERA

TECHNICAL BULLETIN ECOSYS M3860idn/M3860idnf

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Subject
NEW MODEL PRODUCT INFORMATION

INTRODUCTION

Technical Services is pleased to announce the launch of the ECOSYS M3860idn/M3860idnf HyPAS Capable A4 B&W MFP's. The M3860idnf features a standard internal finisher and auto stapler. The optional Manual stapler can be installed to the M3860idn model. Both devices utilize a 7.0 inch tilt Color LED Touch Panel that provides low energy consumption with a high end User Friendly Interface, supports the IB-51 Wireless Network Card and IB-36 WiFi Direct Interface and comes standard with
1 GB of Memory.

Key Features are as follows:

- Standard 100 sheet Dual Scan sheet Document Feeder
- Standard Fax System
- Standard Data Encryption/Overwrite
  (Activated by installing an optional Hard Disk or SSD)
- a-Si Drum
- 1GB Standard Built-in DDR3 SDRAM, max 3GB
- UG-35 Option (Trusted Platform Module) M3860idnf only
- High Capacity Toner Available (40k yield) M3860idnf only
- HyPAS Capable/AirPrint, Google Cloud Print Support, KFS and KNM ready

GENERAL INFORMATION

Product Name	M3860idn/M3860idnf
Product Code	2X9/2WF
Product Training	Learning Center on KDACentral
Diagnostic Center Contact Number	1-800-255-6482
KDACentral Web Site	KDACentral.com
KDACentral Help Desk	dealersupport@da.kyocera.com
Kyocera Public Web Site	kyoceradocumentsolutions.com
Kyocera Technical Support (Email)	support@da.kyocera.com
Safety Data Sheet (SDS)	Available on KDACentral
National Processing Center (Customer Service)	1-866-596-2372 or customer_service@da.kyocera.com
National Training Center	training@da.kyocera.com

DEALER LIMITED WARRANTIES FOR
ECOSYS SERIES MFP's

KYOCERA Document Solutions America, Inc. ("KYOCERA") warrants its new Multifunctional Products (referred to as "MFPs"), to Authorized Dealers as follows:

Mainframes and Accessories. The MFPs' mainframe and accessories are warranted against defects in workmanship and material under normal use and service for a period of 36 months from installation with first end-user, or 39 months from KYOCERA's invoice date to Dealer, or the specified number of copies/prints listed below, whichever occurs first (referred to herein as "MFPs Warranty Period"). KYOCERA's obligation hereunder is expressly limited to providing Dealer with the parts required to repair the MFPs or crediting Dealer's account for the cost of said parts, at KYOCERA's election.

Maintenance Kits. Maintenance Kits generally consist of the developing unit, the drum unit, and the fixing unit. Components of Maintenance Kits included with the original MFPs are warranted against defects in material and workmanship for a period of 36 months from date of installation with first end-user, or 39 months from KYOCERA's invoice date to Dealer (referred to herein as Original Maintenance Kit Warranty Period), or the specified number of copies/prints listed below (referred to herein as Original Maintenance Kit Copy Allowance), whichever occurs first. Replacement Maintenance Kits purchased and installed after the Original Maintenance Kit Copy Allowance has expired, shall have a limited warranty for the specified number of copies/prints, or until the Original Maintenance Kit Warranty Period expires, whichever occurs first. Replacement Maintenance Kits purchased and installed after the Original Maintenance Kit Warranty Period has expired shall have a limited warranty of 90 days. To be covered by this 90 day warranty, the Replacement Kit must be installed and registered prior to the MFP exceeding 10% of the Original Maintenance Kit Copy Allowance.

These warranties do not cover MFPs or components of Maintenance Kits which: (a) have become damaged due to operator negligence, misuse, accidents, improper storage or unusual physical or electrical stress, (b) have used parts or supplies which are not genuine KYOCERA brand parts or supplies, (c) have been installed or serviced by a technician not employed by KYOCERA or an Authorized KYOCERA Dealer, (d) have had the serial number modified, altered, or removed, or (e) Dealer fails to register the installation information for the MFP with KYOCERA utilizing **KDACentral.**

THESE WARRANTIES SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. KYOCERA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH MAY ARISE OUT OF THE USE OF, OR INABILITY TO USE, THE MFP.

THESE WARRANTIES SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. KYOCERA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH MAY ARISE OUT OF THE USE OF, OR INABILITY TO USE, THE PRINTER/MFP.

MFP MODEL	TOTALCOPIES/PRINTS	ORIGINAL MAINTENANCE KIT COPY ALLOWANCE
ECOSYS M3860idn	1,000,000	500,000
ECOSYS M3860idnf	1,000,000	500,000

WARRANTY RETURNS

To submit any Parts RETURN, simply log-on to our Order and Tracking System, go to Returns and request a Return Authorization. Select the appropriate Return Type.

To Process your Warranty Claim and verify other key information, the Maintenance Pages, Status Page, Service Status Page, Event Log & Image Quality Samples must be included <u>if</u> the item is to be returned to the National Return Center or Uploaded, if prompted to do so. <u>If all of these are not Included or Uploaded with the Warranty Claim, your request may be delayed or denied.</u>

To ensure quality, especially of new products, we will have parts returned on new product introductions for a period of approximately six months.

For assistance with the Parts Warranty Return System, please contact the Parts Warranty Help Line at 866-596-2372, Option 3.

PRODUCT TRAINING

Information	
Product Training	Full Online Training Course
Prerequisites	Certification on ECOSYS M3040idn/M3540idn/M3550idn/M3560idn models by Online Technical Training Course

Product Training for the New B&W ECOSYS M3860idn/M3860idnf MFP's is offered as an On-Line Training Course available at the Learning Center on KDACentral.

Technician's who do not meet the Training Prerequisite must first complete the ECOSYS M3040idn/M3540idn/M3550idn/M3560idn full Online Technical Training Course.

Before a Technician can take the ECOSYS M3040idn/M3540idn/M3550idn/M3560idn Online Technical Training Course, the following Online Training Courses must be completed first.

- **Online - Using the Meter**
- **Online - Using the Logs**
- **Online - Using the Service Manual**
- **Online - Network Connectivity**

Other recommended courses:

- **Online - IB-51 Wireless Network Card Technical Training Course**
- **Online - Data Security Kit Technical Training Course**

SERVICE DOCUMENTATION

Description	Availability
ECOSYS M3860idn/M3860idnf Service Manual	Available on KDACentral
ECOSYS M3860idn/M3860idnf Parts List	Available on KDACentral
ECOSYS M3860idn/M3860idnf Operation Guide	Available on KDACentral
ECOSYS M3860idn/M3860idnf FAX Operation Guide	Available on KDACentral
ECOSYS M3860idn/M3860idnf Safety Guide	Included in the Box & Available on KDACentral
ECOSYS M3860idn/M3860idnf Quick Installation Guide	Included in the Box & Available on KDACentral
ECOSYS M3860idn/M3860idnf Printer Driver Guide	Available on KDACentral
IB-50 Setup Guide	Available on KDACentral
IB-50 Operation Guide (HTML format)	Available on KDACentral
IB-50 Installation Instructions	Available on KDACentral
IB-51Web Browser Management Guide	Available on KDACentral
IB-51 Installation Instructions	Available on KDACentral
Kyocera Command Center RX User Guide	Available on KDACentral
Kyocera NET Viewer User Guide	Available on KDACentral
Kyocera NET Direct Print Operation Guide	Available on KDACentral
PRESCRIBE Command Reference Operation Guide	Available on KDACentral
PRESCRIBE Technical Reference Operation Guide	Available on KDACentral
Data Encryption/Overwrite Operation Guide	Available on KDACentral
Card Authentication Kit (B) Operation Guide	Available on KDACentral
UG-34 Installation Guide/Operation Guide	Available on KDACentral
PCL Barcode Flash 3.0 User's Manual Rev 3.2.03.2013	Available on KDACentral
PCL Barcode Flash Device Support and KYOmulticode Manual v2013.3.01	Available on KDACentral
PCL Barcode Flash 3.0/KYOmulticode 1.0 Quick Installation Guide Rev-3.4.03.2013	Available on KDACentral

MAXIMUM MONTHLY VOLUME

MAX. Monthly Volume	
ECOSYS M3860idn	300,000 images
ECOSYS M3860idnf	300,000 images

PRODUCT INFORMATION

ITEM	Part Number	Description
ECOSYS M3860idn	1102X92US0	62 ppm A4 Monochrome MFP, 4-in-1 (Print, Copy, Scan and FAX)
ECOSYS M3860idnf	1102WF2US0	62 ppm A4 Monochrome MFP, 4-in-1 (Print, Copy, Scan and FAX) with Inner Finisher

ACCESSORY / OPTIONS

ITEM	Part Number	Description
Paper Feeders		
PF-3110	1203SA0KL0	500 Sheet Paper Feeder (Maximum four)
Connectivity		
IB-50	1505JV0UN0	Gigabit Ethernet Board
IB-51	1505J50UN0	Wireless LAN NIC (Approx. 328 ft Range)
IB-36	1503S50UN0	Wireless LAN NIC (Approx. 98 ft Range & Wi-Fi Direct)
Scan Extension Kit (A)	1603P10UN0	OCR Searchable PDF (SD Card, Hard Disk or SSD required) See Page 17
UG-35	1503T40UN0	Trusted Platform Module (M3860idnf only)
Data Encryption/Overwrite	Hard Drive Encryption Overwrite (Free activation. Requires an Optional Hard Drive to activate)	
Memory		
SD-144-1GB(DDR3)	855D200662	144pin DDR3 SDRAM Printer Memory (1GB)
SD-144-2GB(DDR3)	855D200714	144pin DDR3 SDRAM Printer Memory (2GB)
HD-6	1505J40UN0	32GB SSD
HD-7	1505J80UN0	128GB SSD
HD-14	1503T30UN0	320GB Hard Disk (M3860idnf only)
*SDHC Card-32G	855D200648	SD Card Memory for storage, 32GB
*SDHC Card-16G	855D200647	SD Card Memory for storage, 16GB
Miscellaneous		
Stand	855D200655	Copier Stand
UG-33	1503NT0UN0	Upgrade Kit for Thin Print
PT-320	1203N70UN0	250 sheet Face-up rear output Tray
MS-5100 B	1903R90UN2	Side Stapler for M3860idn only
SH-13	1903R90UN1	Staples for MS-5100 B
SH-10	1903JY0000	Staples for M3860idnf stapler
PCL Barcode Flash 3.0	855D200653	Bar Code Flash (TYPE D/E)
Card Reader Holder 10	1702P60UN1	Card Reader Attachment
Card Authentication Kit	-----	See separate Card Authentication Kit price schedule on KDACentral

- Either a SD Card, SSD or Hard Disk is required for HyPAS support.
- One eKUIO slot is available to add a HD-6, HD-7, IB-50 or IB-51.
- To install the OCR dictionary for Scan Extension Kit (A), an optional Hard Disk/SSD or SD/SDHC memory card must be installed. If both a Hard Disk/SSD and an SD/SDHC memory card are installed, the OCR dictionary will be installed on the hard disk or SSD. If you use only an SD/SDHC memory card, a 32 GB SD/SDHC memory card is recommended.

Key Boards Tested		
Adesso	ACK-595 USB	Other USB KeyBoards may be compatible. Key Boards are available at CDW or other vendors who carry them.
Adesso	Wireless Keyboard WKB-3100ub	
Cherry Corp	Cherry keyboard ML4100PTAUS (USB)	

SUPPLY ITEMS, YIELDS & COST PER PAGE

Description	Part Number	New Container Yield/ISO19752	Starter Container Yield/ISO19752	Price	CPC
Toner TK-3202 (M3860idn/M3860idnf)	1T02WF0US0	40K@ISO19752	11K @ISO19752	100.00	0.0025
Toner TK-3192 (M3860idn/M3860idnf)	1T02T60US0	25K@ISO19752		$68.50	0.00274
WT-3200	302WD93010	Approx. 40K		----	

One Waste Toner Bottle is included with each Toner Container
TK-3202 Toner Price is for one container and is based on bulk 8+ price.
TK-3192 Toner Price is for one container and is based on bulk 15+ price.

MAINTENANCE KIT YIELDS & COST PER PAGE

Description	Part Number	Yield	Price	CPC
MK-3302 Maintenance Kit (M3860idn/3830idnf)	1702TA7US0	500K	$199.45	0.000398
MK-5200 DP Kit for (M3860idn/M3860idnf)	1703R40UN0	200K	$51.00	0.000255

MAINTENANCE KITS CONTENTS

500K

Item	Description	Item Number	Quantity
MK-3302	RETARD ROLLER ASS'Y	302F909171	1
	HOLDER RETARD B	3V2LV09311	1
	GUIDE RETARD C	302LV09340	1
	SPRING RETARD B	302LV09330	1
	PARTS HOLDER FEED ASS'Y SP	302LV94270	1
	PARTS ROLLER TRANSFER ASS'Y	302LV94130	1
	GEAR Z22R TC	302LV24140	1
	DK-3192(U)	302T693041	1
	DV-3100	302LV93081	1
	FK-3302 (U)	302TA93050	1

200K

Item	Description	Item Number	Quantity
MK-5200	PARTS HOLDER PICKUP ASS'Y SP	303R494010	1
	PARTS HOLDER PAD ASS'Y SP	303R394030	1

Contents and Item Numbers are subject to change without notice

ECOSYS M3860idn/M3860idnf FIRMWARE INFORMATION

Firmware	Program	Version	Upgrade Method	Availability
CONTROLLER M3860idnf	2WF_S000.003.087	003.087	USB/KFS	Available on KDACentral
CONTROLLER M3860idn	2X9_S000.003.087	003.087		
PANEL MAIN	2V1_7200.001.006	001.006		
ENGINE	2WF_1000.001.015	001.015		
ENGINE	2TA_1000.003.011	003.011		
LANGUAGE BR	2WF_81BR.003.012	003.012		
DF	2WF_9200.001.000	001.000		
OCR DATA	2P1_L000.001.002	001.002		

Technical Services recommends checking Firmware versions at setup and Upgrade to the current versions listed above or Higher, which are available on KDACentral.

MEMORY SPECIFICATIONS AND REFERENCE

The ECOSYS M3860idn/M3860idnf is standard-equipped with 1GB of Built-in Memory, which can be upgraded to a maximum of 3GB by adding one 2GB DIMM in the empty Slot.

Model	Standard	Maximum
Copy/Print/Scan (Shared)	1GB Built in	1GB + 2GB DIMM =3GB
Hard Drive HD-6	Optional	Solid State Memory Device (32GB)
Hard Drive HD-7	Optional	Solid State Memory Device (128GB)
Hard Drive HD-14	Optional	Hard Drive (320GB) 2.5inch SATA, 5400 RPM
Fax Memory	3.5MB	3.5MB (Not upgradable)

With the SSD installed on the device, received data can be rasterzied and stored on the SSD. This enables high-speed printing of multiple copies using an electric sort function. Document Box functions are enabled.

MEMORY TYPE

Item	Specification
Type & Number of Pins	144 pin DDR3 SDRAM DIMM

ECOSYS M3860idn/M3860idnf SPECIFICATIONS

Item		Description	
		Non-Finisher model	**Finisher model**
Type		Desktop	
Printing Method		Electrophotography by semiconductor laser	
Paper Weight	Cassette	60 to 120 g/m^2	
	Multi-Purpose Tray	60 to 220g/m^2, 209.5 g/m^2 (Cardstock) 136 to 163g/m^2 (Banner sheet)	
Paper Type	Cassette	Plain, Rough, Recycled, Preprinted, Bond, Color (Colour), Prepunched, Letterhead, High Quality, Custom 1 to 8 (Duplex: Same as Simplex)	
	Multi-Purpose Tray	Plain, Transparency (OHP film), Rough, Vellum, Labels, Recycled, Preprinted, Bond, Cardstock, Color (Colour), Prepunched, Letterhead, Envelope, Thick, High Quality, Custom 1 to 8	
Paper Size	Cassette	A4, A5, A5 (Landscape), A6, B5, B6, Letter, Legal, Statement, Statement (Landscape), Executive, Oficio II, Folio, 216 × 340 mm,16K, B5 (ISO), Envelope DL, Envelope C5, Oufuku Hagaki (Return postcard), Custom (105 ×	
	Multi-Purpose Tray	A4, A5, A5 (Landscape), A6, B5, B6, Folio, 216 × 340 mm, Letter, Legal, Statement, Statement (Landscape), Executive, Oficio II, 16K, B5 (ISO), Envelope #10, Envelope #9, Envelope #6 3/4, Envelope Monarch, Envelope DL, Envelope C5, Hagaki (Cardstock), Oufuku Hagaki (Return postcard), Youkei 4, Youkei 2, Custom (70 × 148 mm to 216 × 356 mm), Banner sheet	
Warm-up Time (22°C/71.6°F, 60%)	Power on	25 seconds or less	
	Low power	10 seconds or less	
	Sleep	25 seconds or less	
Paper Capacity	Cassette	500 sheets (80 g/m^2) *1	
	Multi-Purpose Tray	100 sheets (80 g/m^2)	
Output Tray Capacity	Inner tray	500 sheets (80 g/m^2)	250 sheets (80 g/m^2)
	Finisher tray	-	250 sheets (80 g/m^2)
Stapling	Number of Sheets	-	A4/Letter: 50 sheets (80 g/m2) Mixed Size Stapling (Legal, Letter): 30 sheets
	Media types (60- 90g/m2)	-	Plain, Preprinted, Bond, Recycled, Vellum, Rough, Letterhead, Color, Prepunched, High Quality, Custom
Image Write System		Semiconductor laser and electro photography	
Photoconductor		a-Si drum (diameter 30 mm)	
Charging system		Contact charger roller method	
Developer system		Mono component dry developing method Toner replenishing: Automatic from the toner container	
Transfer system		Transfer roller method	
Separation system		Small diameter separation, separation needle	
Cleaning system		Counter blade cleaning + cleaning roller	
Charge erasing system		Exposure by eraser (LED)	

Item		Description	
		Non-finisher model	**Finisher model**
Fusing system		Heat and pressure fusing with the heat roller and the press roller Heat source: halogen heater Abnormally high temperature protection devices: thermostat	
CPU		ARM Contrex-A9 1200MHz + ARM Contrex-M3 100MHz	
Main Memory	**Standard**	1,024 MB	
	Max	3,072 MB	
Interface	**Standard**	USB Interface Connector: 1 (Hi-Speed USB) Network interface: 1 (10 BASE-T/100 BASE-TX/1000 BASE-T) USB Port: 2 (Hi-Speed USB) Fax: 1	
	Option	eKUIO: 1	
Operating Environment	**Temperature**	10 to 32.5°C/50 to 90.5°F	
	Humidity	15 to 80 %	
	Altitude	3,500 m/11,482 ft maximum	
	Brightness	1,500 lux maximum	
Dimension (W × D × H)		18.9" × 19.49" × 24.02"	18.9" × 21.46" × 29.13"
Weight (Not including toner container)		Approx. 54.1 lbs	Approx. 80.46 lbs
Space Required (W × D) (Using multi purpose tray)		18.9" × 26.97"	18.9" × 26.97"
Rated input		AC 120 V, 60 Hz, 10.0 A	AC 120 V, 60 Hz, 11.3 A
Noise level		Print: Full Speed/Half Speed, 58dB(A)/53dB(A) Copy: Full Speed/Half Speed, 61dB(A)/57dB(A)	

*1 Up to upper limit height line in the cassette.

Copy Function Specifications

Item		Description
Copy Speed	A4	60 sheets/min
	Letter	62 sheets/min
	Legal	50 sheets/min
	B5	48 sheets/min
	A5	32 sheets/min
	A5(Landscape)	90 sheets/min
	Statement	32 sheets/min
	Statement (Landscape)	92 sheets/min
	A6	32 sheets/min
First Copy Time (A4, place on the platen, feed from Cassette)		7 seconds or less
Zoom Level		Manual mode: 25 to 400%, 1% increments Auto mode: Preset Zoom
Continuous Copying		1 to 999 sheets
Resolution		600 × 600 dpi
Supported Original Types		Sheet, Book, 3-dimensional objects (maximum original size: Legal / Folio)
Original Feed System		Fixed

Printer Function Specifications

Item	Description
Printing Speed	Same as Copying Speed.
First Print Time **(A4, feed from Cassette)**	4.1 seconds or less (Excluding time for system stabilization immediately after turning on the main power.)
Resolution	Fast 1200, Fine 1200, 600 dpi
Operating System	Windows 7, Windows 8, Windows 8.1, Windows 10, Windows Server 2008/R2, Windows Server 2012/R2, Windows Server 2016 Mac OS 10.5 or later
Interface	USB Interface Connector: 1 (Hi-Speed USB) Network interface: 1 (10 BASE-T/100 BASE-TX/1000 BASE-T) Optional Interface (Option): 1 (For IB-50/IB-51 mounting) Wireless LAN (Option): 1 (For IB-36 mounting) Parallel Interface (Option):1 (For IB-32B mounting)
Page Description Language	PRESCRIBE
Emulation	PCL6 (PCL-XL, PCL5e), KPDL3, XPS, Open XPS, TIFF/JPEG, IBM Proprinter, LQ-850, LinePrint

Scanner Function Specifications

Item		Description
Resolution		600 dpi, 400 dpi, 300 dpi, 200×400 dpi, 200 dpi, 200×100 dpi
File Format		TIFF (MMR/JPEG compression), JPEG, PDF (MMR/JPEG compression), XPS, PDF/A, High compressive PDF, Encrypted PDF, OPEN XPS, MS Office*1, Searchable PDF*1*2

Scanning Speed *3	**(A4 landscape, 200 dpi, Image quality: Text/ Photo original)**	1-sided B/W 60 Images/min
		     Color 45 Images/min
		2-sided B/W 120 Images/min
		     Color 90 Images/min

	(A4 landscape, 300 dpi, Image quality: Text/ Photo original)	1-sided B/W 60 Images/min
		     Color 40 Images/min
		2-sided B/W 120 Images/min
		     Color 80 Images/min

Interface		Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB
Network protocol		TCP/IP
Transmission system		SMB, SMTP, FTP, FTP over SSL, USB, TWAIN *4, WIA *4, WSD

*1 When the optional OCR Scan Activation Kit is installed.
*2 Microsoft Office 2007 or later
*3 When using the document processor (except TWAIN and WIA scanning)
*4 Available Operating System: Windows Server 2008/Windows Server 2008 R2/Windows 7/Windows 8/Windows 8.1/ Windows 10/Windows Server 2012/Windows Server 2012 R2/Windows Server 2016.

Document Processor Specifications

Item		Description
Scanning Method		Dual scan
Supported Original Types		Sheet originals
Paper Size	**Maximum**	8.5" × 14" (Long sized 216 × 915 mm)
	Minimum	4.13" × 5.82"
Paper Weight		1-sided: 50 to 120 g/m^2 2-sided: 50 to 120 g/m^2
Loading Capacity		100 sheets (50 to 80 g/m^2) maximum*1

*1: Up to upper limit height line in the document processor

PF-3110 Specifications

Item	Description
Paper Supply Method	Friction roller feeder (No. Sheets: 500, 80 g/m²)
Paper Size	A4, A5, A5 (Landscape), B5, B6, Folio, Letter, Legal, Statement, Statement (Landscape), Executive, Oficio II, 16K, B5 (ISO), Envelope #10, Envelope #9, Envelope #6 3/4, Envelope Monarch, Envelope DL, Envelope C5, Oufuku Hagaki (Return postcard),Youkei 4, Youkei 2,Custom (92 × 162 to 216 × 356 mm)
Supported Paper	Paper weight: 60 to 120 g/m² Media types: Plain, Rough, Recycled, Preprinted, Bond, Color (Colour), Prepunched, Letterhead, High Quality, Custom 1 to 8
Dimensions (W) × (D) × (H)	14.97" × 16.16" × 4.77"
Weight	8.4 lbs. or less

Manual Stapler Specifications

Non-finisher model

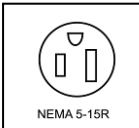| Item	Description
Paper Weight	90 g/m² or less
Number of stapled sheets *1	20 sheets (80 g/m²) maximum, 15 sheets (90 g/m² or less) maximum
Dimensions (W) × (D) × (H)	2.64" × 6.5" × 5.32"
Weight	1.4 lbs. or less

*1: Paper stack up to 2mm thick.

Specifications are subject to change without notice.

BTU's

Model	Power Consumption		PPM	Prints/Hr	Watts based on PPM & Pr/Hr	Watts based on PPM & Pr/Hr	kW/ hour	Total BTU
	Total Print (W)	Total Ready (W)			Print	Ready		(*3421.14)
M3860idn	800	56	62	1,000	215.1	40.9	0.2560	**873.5**
	800	56	62	1,500	322.6	33.4	0.3560	**1214.7**
	800	56	62	2,500	537.6	18.4	0.5560	**1897.1**
	800	56	62	3,720	800.0	0.0	0.8000	**2729.7**
M3860idnf	799	25	62	1,000	214.8	18.3	0.2331	**795.2**
	799	25	62	1,500	322.2	14.9	0.3371	**1150.2**
	799	25	62	2,500	537.0	8.2	0.5452	**1860.2**
	799	25	62	3,720	799.0	0.0	0.7990	**2726.3**

Total BTU's are based on Prints per Minute, Prints per Hour. Watts are based on PPM & Pr/Hr and Kw/Hour.

POWER CONSUMPTION

Specification		Main Body
Voltage requirements Standard Configuration	US/Canada	120 V AC ±10%, 60Hz ±2%, 10A/11.3A
ECOSYS M3860idn	Maximum	1205W
	Low Power Mode	35W
	Off mode	.06W
	Sleep	0.5W
	Copy/Print	824/800W
	Ready Mode	56W
ECOSYS M3860idnf	Maximum	1338W
	Low Power Mode	24W
	Off mode	0.07W
	Sleep	0.5W
	Copy/Print	806/799W
	Ready Mode	25W
NEMA 5-15R		

INSTALLATION REQUIREMENTS

Environmental Requirements	
Installation Time	15 Minutes or less
Temperature Range	50°F ~ 90°F (10°C ~ 32.5°C)
Humidity Range	15% ~ 85%RH
Condensation and Humidity	Rapid Temperature change, Humidity drift, and condensation should be avoided
Altitude	3,500 m/11,482 ft maximum
Illumination	Maximum 1,500 lux
Levelness	Maximum levelness: 5mm (0.2inch) The MFP must be placed on a level and a sturdy surface

WEIGHT AND DIMENSIONS

Specification	M3860idn	M3860idnf
Width	18.9"	18.9"
Height	24.02"	29.13"
Depth	19.49"	21.46"
Weight (Main unit) Not Including Toner	Approx.54.1 lbs	Approx 80.46 lbs

MACHINE SPACE REQUIREMENTS
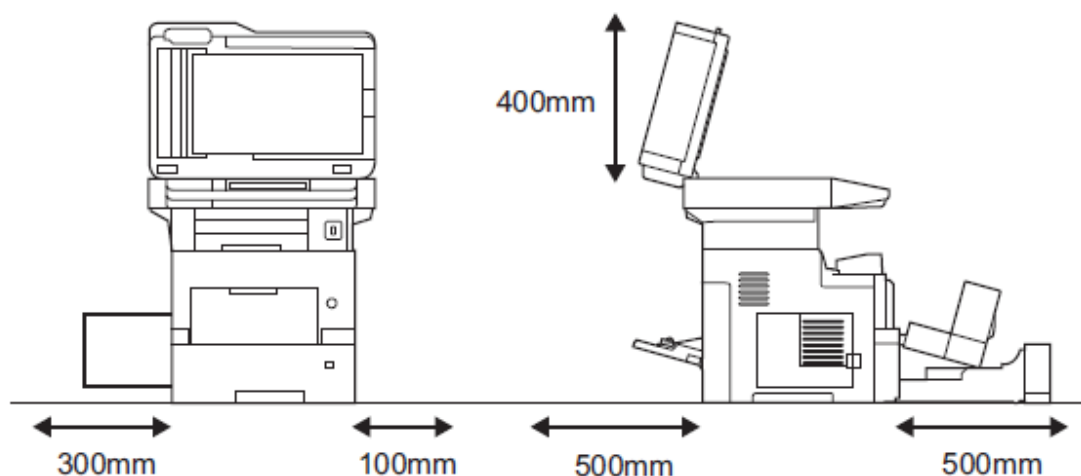
Machine front: 500 mm/19 11/16 Machine rear: 500 mm/19 11/16"
Machine right: 300 mm/11 13/16" Machine left: 100 mm/3 15/16"
Machine top: 400mm/15 3/4

All Specifications Subject to Change without Notice.

UTILITIES

Utility	Description
PCL Barcode flash 3.0 Type D/E	Print Barcode Utility
Status Monitor	Desktop Status Monitor
KYOCERA NET Viewer	Administrator Utility, which monitors Kyocera network devices with the ability to display and report device conditions via e-mail using SMTP.
KYOCERA NET Direct Print	Allows Direct Printing of Adobe PDF's without launching Adobe's Acrobat or Acrobat Reader applications.
Quick Set-up Utility	Quick Set-up Utility for Network Administrators used to set-up IP Printing and Addresses on Network Printers.
FMU	The File Management Utility (FMU) distributes documents scanned on a multifunction print system (MFP) to specified network folders or computers. The user can set the criteria for distributing the scanned files. Advanced distribution criteria are available for certain MFPs.

BUSINESS APPLICATIONS SUPPORTED

Applications	
PinPoint Scan 3	RightFax Embedded Connector
CentraQ	Microsoft Connector
CentraQ Pro	AccessLock
NetGardLock	Teaching Assistant
Accusender Fax	DMConnect 3 (all)
Google Connector	AccuSender ShareBase
Teaching Assistant	RightFax Embedded Connector
Microsoft Connector	
Cloud Connect	Mobile Print
AutoStore	MyPanel (IOS and Android)
Embedded Terminal HyPAS for KNM	

See KDACentral Solutions> HyPAS Applications for the latest versions supported
*Requires Optional SD Card or Hard Drive.

PRINT DRIVERS

Print Drivers can be downloaded from KDACentral and kyoceradocumentsolutions.com. Note: Drivers and Descriptions are periodically updated and versions available in the future may not match this chart.

Description	Version	Operating System
M3860idn/M3860idnf Generic KX Driver	6.3.0909	Win XP, Vista, Win 8, Win Server 2003
M3860idn/M3860idnf KX Driver	7.4.1615	Win 7,8.1,10, Server, 2008, 2008 R2, 2012, 2012 R2, Server 2016, 2019
M3860idn/M3860idnf KX XPS Driver	2.3.2816	Win 7,8.1,10, Server, 2008, 2008 R2, 2012, 2012 R2, Server 2016, 2019
M3860idn/M3860idnf Generic PCL Uni Driver	4.1	Win XP, Vista, Win 8, Win Server 2003
M3860idn/M3860idnf PCL Uni Driver	1.6	Win 7,8.1,10, Server, 2008, 2008 R2, 2012, 2012 R2, Server 2016, 2019
M3860idn/M3860idnf Generic KPDL Uni Driver	8.1112	Win XP, Vista, Win 8, Win Server 2003
M3860idn/M3860idnf KPDL Uni Driver	8.1904	Win 7,8.1,10, Server, 2008, 2008 R2, 2012, 2012 R2, Server 2016, 2019
M3860idn/M3860idnf Twain and WIA Installer	Twain 2.1.0421 WIA 2.3.0422	Win 7,8.1,10, Server, 2008, 2008 R2, 2012, 2012 R2, Server 2016, 2019
M3860idn/M3860idnf Network Fax Driver	6.3.4911	Win 7,8.1,10, Server, 2008, 2008 R2, 2012, 2012 R2, Server 2016, 2019
M3860idn/M3860idnf Mac Installer	8.8822	OSX 10.9 ~ 10.14
M3860idn/M3860idnf Linux PPD	8.7810	Linux

PRODUCT CONFIGURATION
(Main Accessories)

M3860idnf Pictured

Card Authentication Kit

IB-51

IB-50

HD-6/HD-7

HD-14

PT-320

IB-36

**UG-35
(M3860idnf only)**

1GB or 2GB DDR3 DIMM

**MS-5100 B
(M3860idn only)**

**16GB or 32GB
SD Card**

**PF-3110
500 Sheet Paper Feeder
(Up to four can be added)**

Stand

See Page 5 for a complete list of Accessories.

The 100 sheet Document Processor is Standard.

OCR DICTIONARY SOFTWARE FOR SCAN EXTENTION KIT

IMPORTANT:

OCR dictionary software for the these models is not preloaded on the mainframe. An Optional SD Card, Hard Disk or SSD must be installed.

When you install Scan Extension Kit (A):

1. Insert or Install a Optional SD Card, Hard Disk or SSD and format it through the System Menu.

    [System Menu/Counter] key → [Adjustment/Maintenance] → [Service settings] → [Format SD card] or [Format SSD]

The Firmware Pack contains the OCR Dictionary Software Data file. It can be loaded Normally via (USB), (KNV Ver 5.7.1426.1 or above) or (KFS).

- If a Hard Drive or SD Card is not installed on the Device and the Firmware Pack is loaded via USB or KFS**, the OCR Dictionary Software Data file will be IGNORED AND NOT LOADED.**

- If a Hard Drive or SD Card is not installed on the Device and the Firmware Pack is loaded by KNV Ver 5.7.1426.1 or above**, the OCR Dictionary Software Data file will NOT BE INSTALLED AND AN OCR FAILURE WILL DISPLAY.**

PRODUCT CONFIGURATOR

The Technical Product Configurator is available on KDACentral. The Configurator can be found under the Support Links Tab or as a Link at every product page. Once open, select the category and choose a model from the drop down.

ACTIVATING DATA ENCRYPTION/OVERWRITE

1. Install an Optional Hard Disk or SSD and power the device ON.
2. Follow any prompts to format the Drive.
3. Select System Menu>System Network>Optional Function. Fig. 1
4. You will now see **Data Encr./Overwrite** Function displayed. Fig 2
5. Select it and press Activate.
6. When you see the Activation Prompt, select Yes. Fig 3
7. You will see another Prompt that will display for approx. 2 sec showing "Activated".
8. Power the Device Off/ON.
9. A screen will display asking you to enter a unique Encryption Code. Fig 4. Enter a Code. Write this code down for future reference. **Refer to the Data Encryption/Overwrite Operation Guide for more details.**
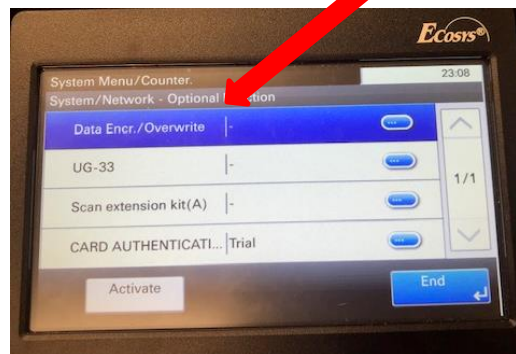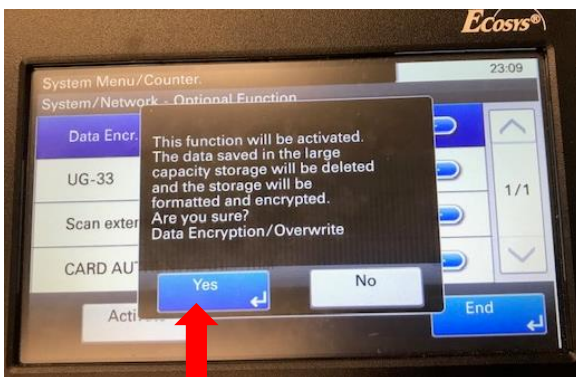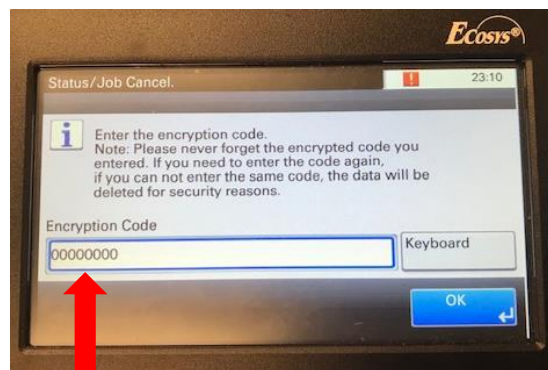
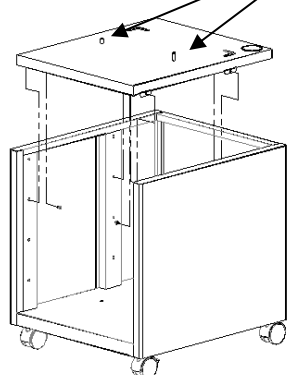**Fig. 1**
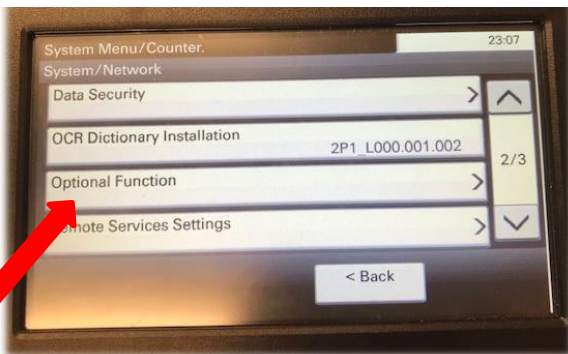
Fig. 2

Fig. 3

Fig. 4

Cabinet Assembly Instructions
Item # 855D200655

Position the Shelf in the correct position with reference to the Quantity of Optional Cassettes attached to the Printer or MFP.

Contents:

Install the Pins to the Shelf, one on the Left side and one on the Right side

Secure the shelf to the Cabinet using the (4) screws provided at the correct position, with reference to the Optional Cassettes attached.

Attach the Shelf to the top when no Optional Cassettes are attached. **Attach the Device or Cassette onto the Pins using the raised areas as an alignment reference.**

Attach the Shelf to the second position from the top when (1) one Optional Cassette is attached.

Attach the Shelf to the third position from the top when (2) two Optional Cassettes are attached.

Attach the Shelf to the forth position when (3) three Optional Cassettes are attached.

No Shelf is required when (4) four Optional Cassettes are attached. **Install the (2) two Pins to the bottom of the Cabinet.**

When installing multiple cassettes, stack one at a time on top of each other and then position the Printer or MFP on top. Full Configuration shown with (4) Cassettes attached.