

## 2. Specification of Product

### 2.1 Product Overview

- Concept
  - High network Feature , A4 Copier based MFP
- Target User
  - General Office
  - Government, Education, Medical Vertical Market
  - Duty Cycle : 20K Pages
- Series Models
  - SCX-6122FN(4-in-1, ADF NW)
  - SCX-6322DN(4-in-1, DADF, NW)
- Key Sales Point
  - Duplex Capability
  - Network Standard
  - Scan-to-Email
  - Large Volume Capability

### 2.2 Product Specification

#### 2.2.1 Product General Specification

Items		SCX-6122FN	SCX-6322DN
Major Functions	Standard	Local connection: Copier, Printer, Scan, Fax, ADF As Network connected: Network Print, Scan to Client/SMB/FTP/Email	Local connection: Copier, Printer, Scan, Fax, DADF As Network connected: Network Print, Scan to Client/SMB/FTP/Email
	Option	2nd Cassette, Desk	2nd Cassette, Desk
Dimension (WxDxH )	without Tray 2	560 X 430 X 455 mm	560 X 430 X 495 mm
	with Tray2	560 X 430 X 595 mm	560 X 430 X 635 mm
Net Weight (with CRU)		22.55Kg	22.65Kg
LC D		20*2 Char	20*2 Char
I/O Interface	Standard	USB 2.0, IEEE 1284 Parallel Port, Ethernet 10/100 base Tx	USB 2.0, IEEE 1284 Parallel Port, Ethernet 10/100 base Tx
	Option	N/A	N/A
Power Consumption	Avg operation	450W	450W
	Sleep Mode	28W	28W
	Standby Mode	100W	100W
Noise	Operating	Warming up : 48dB, Printing/Coping/Scan : 60dBA	Warming up : 48dB, Printing/Coping/Scan : 60dBA
	Standby	Less than 40dBA	Less than 40dBA
Warm Up Time	from sleep mode	Less than 30 sec.	Less than 30 sec.
Machine Life	Monthly Duty Cycle	20,000pages	20,000pages
	Machine Life	5Years or 300,000 Pages, which comes first	5Years or 300,000 Pages, which comes first
	ADF Feed Roller	50,000pages	50,000pages
	Paper Feeding Roller	100,000pages	100,000pages
	Transfer Roller	100,000pages	100,000pages
	Fuser Unit	100,000pages	100,000pages
Device Memory		64MB	64MB

## 2.2.2 Print Specification

Items		SCX-6122FN	SCX-6322DN
Print Speed		Up to 22 ppm in A4 (23 ppm in Letter)	Up to 22 ppm in A4 (23 ppm in Letter)
Print Language		PCL6, PS3	PCL6, PS3
Power Save		Yes(5, 10, 15, 30, 60, 120 minutes)	Yes(5, 10, 15, 30, 60, 120 minutes)
Resolution		Up to 1200dpi Effective Output	Up to 1200dpi Effective Output
Memory		24MB buffer	38MB buffer
FPOT		Approx. 12Seconds(Tray1), 13seconds(Tray2)	Approx. 12Seconds(Tray1), 13seconds(Tray2)
Duplex Print		Yes	Yes
Halftone(Gray Scale)		256level	256level
Compatibility		-Windows 98/Me/NT4.0/2000/XP(32/64bit) -Various Linux OS (via USB interface only) including Red Hat 8 ~ 9, Fedora Core 1~4, Mandrake 9.2~10.1, and SuSE 8.2~9.2 -Mac 10.3,10.4	-Windows 98/Me/NT4.0/2000/XP(32/64bit) -Various Linux OS (via USB interface only) including Red Hat 8 ~ 9, Fedora Core 1~4, Mandrake 9.2~10.1, and SuSE 8.2~9.2 -Mac 10.3,10.4
N/W Print (Optional)	Compatibility	- Windows 98/Me/NT4.0/2000/XP(32/64bit)/2003 Server(32/64bit) -Various Linux OS (via USB interface only) including Red Hat 8~9, Fedora Core 1~4, Mandrake 9.2~10.1, and SuSE 8.2~9.2 -Mac OS 8.6~9.2, 10.1~10.4	- Windows 98/Me/NT4.0/2000/XP(32/64bit)/2003 Server(32/64bit) -Various Linux OS (via USB interface only) including Red Hat 8~9, Fedora Core 1~4, Mandrake 9.2~10.1, and SuSE 8.2~9.2 -Mac OS 8.6~9.2, 10.1~10.4
	Printing Protocols	TCP/IP(LPR, Standard TCP/IP Printing, Samsung Port, IPP) NetWare,Ethertalk	TCP/IP(LPR, Standard TCP/IP Printing, Samsung Port, IPP) NetWare,Ethertalk
	Novell N/W Print Service	PSERVER, NDS, IPX, NCP	PSERVER, NDS, IPX, NCP
	Device Discovery	SLP, DHCP, BOOTP, RARP, DNS, DDNS, SNMP, SMB, Rendezvous	SLP, DHCP, BOOTP, RARP, DNS, DDNS, SNMP, SMB, Rendezvous

## 2.2.3 Scan Specification

Items		SCX-6122FN	SCX-6322DN
Scan Method		Color CCD	Color CCD
Scan Speed	Linearity, Halftone, 300dpi, ADF/DADF	15 Sec	15 Sec
	Gray, 300dpi, ADF/DADF	20Sec	20Sec
	Color 300dpi, ADF/DADF	30Sec	30Sec
Resolution	Optical	600*600dpi	600*600dpi
	Enhanced	4800dpi*4800dpi	4800dpi*4800dpi
Halftone		256level	256level
Scan Size	Max. Document Width	Max.216mm(8.5")	Max.216mm(8.5")
	Effective Scan Width	Max 208mm(8.2inch)	Max 208mm(8.2inch)
Scan Depth	Color	Internal : 36Bit, External: 24Bit	Internal : 36Bit, External: 24Bit
	Mono	- 1bit for Linearity & Halftone - 8 Bit(External), 12 Bit(Internal) for Gray scale	- 1bit for Linearity & Halftone - 8 Bit(External), 12 Bit(Internal) for Gray scale
Scan to	Application	Yes	Yes
	USB	N/A	N/A
	Email	Yes	Yes
	SMB	Yes	Yes
	FTP	Yes	Yes
	HTTP(S)	N/A	N/A
Compatibility	Network Scan	Yes	Yes
	PC Scan	-Windows 98/Me/NT4.0/2000/XP(32/64bit) -Various Linux OS (via USB interface only) including Red Hat 8 ~ 9, Fedora Core 1~4, Mandrake 9.2~10.1, and SuSE 8.2~9.2 -Mac 10.3, 10.4	-Windows 98/Me/NT4.0/2000/XP(32/64bit) -Various Linux OS (via USB interface only) including Red Hat 8 ~ 9, Fedora Core 1~4, Mandrake 9.2~10.1, and SuSE 8.2~9.2 -Mac 10.3, 10.4
	Network Scan	Windows 98/Me/2000/XP(32/64bit)	Windows 98/Me/2000/XP(32/64bit)

## 2.2.4 Copy Specification

Items		SCX-6122FN	SCX-6322DN
Copy Speed	Simplex Copy Speed	- @SDMP, Text: 23cpm/Ltr, 22cpm/A4 - @ MDSP: 16.5cpm/Ltr, 15.5cpm/A4	- @SDMP, Text: 23cpm/Ltr, 22cpm/A4 - @MDSP, Text: 21cpm/Ltr, 20cpm/A4
	Duplex Copy Speed	- Simplex-to-Duplex(1-2): Approx. 13ipm/Ltr, 12.5ipm/A4 - Duplex-to-Duplex(2-2) : N/A	- Simplex-to-Duplex(1-2): Approx. 13ipm/Ltr, 12.5ipm/A4 - Duplex-to-Duplex(2-2) : 7ipm/Ltr, 7ipm/A4
FCOT		13 seconds(ADF), 10seconds(Platen)	13.5 seconds(DADF), 10Seconds(Platen)
Zoom Range		25% to 400% for Platen 25% to 100% for ADF	25% to 400% for Platen 25% to 100% for ADF
Multi Copy		1~999	1~999
Preset		[Original(100%)] [A4 → A5(75%)] [LGL→LTR(78%)] [LGL→A4(83%)] [A4→LTR(94%)] [EXE→LTR(104%)] [A5 → A4(133%)] 50%, 150%, 200% [Custom:50-400%]	[Original(100%)] [A4 → A5(75%)] [LGL→LTR(78%)] [LGL→A4(83%)] [A4→LTR(94%)] [EXE→LTR(104%)] [A5 → A4(133%)] 50%, 150%, 200% [Custom:50-400%]
Manual Duplex		Yes	Yes
Original Type	Text	Scan: 600x300dpi , Printing 600x600dpi	Scan: 600x300dpi , Printing 600x600dpi
	Text/Photo	Scan: 600x300dpi , Printing 600x600dpi	Scan: 600x300dpi , Printing 600x600dpi
	Photo	Scan 600x600dpi @ Platen or 600x300dpi @ ADF Printing 600x600dpi	Scan 600x600dpi @ Platen or 600x300dpi @ DADF Printing 600x600dpi
Automatic Background Suppression		Yes (On/Off)	Yes (On/Off)
Darkness Control		5 level	5 level
Collation Copy		Yes(600x300dpi and ADF only)	Yes(600x300dpi and DADF only)
CCD Sleep Time		30 minutes	30 minutes
Special Copy	ID Card Copy	Yes	Yes
	Margin Shift	2-up, 4-up (ADF only)	2-up, 4-up (DADF only)
	Book Copy	Yes(300dpi and ADF open)	Yes(300dpi and DADF open)
	Auto Suppression	Yes	Yes
	Covers	No	No
	Transparencies	No	No
	Create Booklet	No	No
	N-up copy	2-up(ADF and Platen), 4-up (ADF only)	2-up(DADF and Platen), 4-up (DADF only)
	Clone	Yes (Platen Only)	Yes (Platen Only)
	Poster	Yes(Platen Only)	Yes(Platen Only)

## 2.2.5 Fax Specification

Items		SCX-6122FN	SCX-6322DN
Compatibility		ITU-T G3	ITU-T G3
Communication System		PSTN/PABX	PSTN/PABX
Modem Speed		33.6Kbps	33.6Kbps
TX Speed		3 sec @ JBIG	3 sec @ JBIG
Scan Speed(ADF)		2.5sec/A4 @ 203x98dpi, Platen 4.0sec/A4 @ 203x98dpi, ADF	2.5sec/A4 @ 203x98dpi, Platen 2.5sec/A4 @ 203x98dpi, DADF
Compression		MH/MR/MMR/JBIG/JPEG	MH/MR/MMR/JBIG/JPEG
ECM		Yes	Yes
Resolution	Std	203*98dpi	203*98dpi
	Fine	203*196dpi	203*196dpi
	S.Fine	203*391dpi, 300*300dpi, 406*392dpi	203*391dpi, 300*300dpi, 406*392dpi
Telephone □ Features	Handset	No	No
	On hook Dial	Yes	Yes
	Search	Yes(Phone Book)	Yes(Phone Book)
	1-Touch Dial	40EA (Using QWERTY Keypad)	40EA (Using QWERTY Keypad)
	Speed Dial	240 locations (Including One-touch dials)	240 locations (Including One-touch dials)
	TAD I/F	Yes	Yes
	Tone/Pulse	Selectable in Tech Mode	Selectable in Tech Mode
	Pause	Yes	Yes
	Auto Redial	Yes	Yes
	Last Number Redial	Yes	Yes
	Distinctive Ring	No	No
	Caller ID	No	No
	External Phone Interface	Yes	Yes
Report & □ List Print out	Tx/Rx Journal	Yes	Yes
	Confirmation	2 types available (with Image TCR, w/o image TCR)	2 types available (with Image TCR, w/o image TCR)
	Auto Dial List	Yes	Yes
	System Data List	List all user setting	List all user setting
Sound Control	Ring Volume	Yes(Off,Low,MED,HIGH)	Yes(Off,Low,MED,HIGH)
	Key Volume	Yes(On,Off)	Yes(On,Off)
	Speaker	Yes(On,Off)	Yes(On,Off)
	OHD volume	Yes(7 levels adjustable)	Yes(7 levels adjustable)
Junk Fax barrier		Yes	Yes
Security Receive		Yes	Yes
Battery Backup		Max. 72 Hours	Max. 72 Hours
Rx fax duplex print out		Yes	Yes
Receive Mode		Fax, TEL, Ans/Fax	Fax, TEL, Ans/Fax
Capacity		8MB(640 Pages)	8MB(640 Pages)
Optional Memory		NO	NO
Max locations to store to 1 Group Dial		239 locations	239 locations
Fax Forward to FAX		Yes(On/Off), both Sent and Received	Yes(On/Off), both Sent and Received
Fax Forward to e-mail		Yes(On/Off), both Sent and Received ※ works only when optional N/W Kit is installed	Yes(On/Off), both Sent and Received ※ works only when optional N/W Kit is installed
Broadcasting		up to 249 locations	up to 249 locations
Cover page		No	No
Delayed fax		Yes	Yes
Memory RX		Yes	Yes
Mail Box(Electronic)		Yes(Receive, Store and Scan Documents to local mailbox),Print, Delete, Poll from Mail Box	Yes(Receive, Store and Scan Documents to local mailbox),Print, Delete, Poll from Mail Box
Voice Request		No	No

## 2.2.6 Paper Handling

Items		SCX-6122FN	SCX-6322DN
Input Capacity	Main Tray	Up to 550sheets @ 75-80g	Up to 550sheets @ 75-80g
	MP Tray	100sheets @75-80g	100sheets @75-80g
	Optional Cassette	Yes (Up to 550 sheets @75-80g)	Yes (Up to 550 sheets @75-80g)
Output Capacity		250Sheets/20lb face down	250Sheets/20lb face down
Media Size	Main Tray	A4,Letter,Legal, Folio, Oficio	A4,Letter,Legal, Folio, Oficio
	MP Tray	A4. Lettter, Legal, Folio, Executive, Envelope, #10,DL,C5,B5,Oficio A5, C6 Env. Monach Env., A6, Oficio, Custom(Min:76x127mm(3.00x5.00inch), Max:216x356mm(8.50x14.00inch))	A4. Lettter, Legal, Folio, Executive, Envelope, #10,DL,C5,B5,Oficio A5, C6 Env. Monach Env., A6, Oficio, Custom(Min:76x127mm(3.00x5.00inch), Max:216x356mm(8.50x14.00inch))
Media Type	Main Tray	Plain Paper	Plain Paper
	MP Tray	Plain Paper, Transparency, Label, Post Card, Envelope Thick Paper, Thin Paper, Bond Paper, Color Paper, Preprinted, Cotton, Recycled Paper	Plain Paper, Transparency, Label, Post Card, Envelope Thick Paper, Thin Paper, Bond Paper, Color Paper, Preprinted, Cotton, Recycled Paper
Media Weight	Main Tray	16~24 lb. (Duplex : 16lb to 20lb)	16~24 lb. (Duplex : 16lb to 20lb)
	MP Tray	16~43 lb.	16~43 lb.
ADF	Paper Weight	12.5~28lb	12.5~28lb
	Capacity	ADF 40 sheets ( 20lb, 75-80 g/m <sup>2</sup> )	DADF 50 sheets ( 20lb, 75-80 g/m <sup>2</sup> )
	Document Size	Width: 174 ~ 216mm (6.9"~8.5") Length : 128 ~ 356mm (5" ~ 14.0") for Single page scan 128 ~ 400mm (5" ~ 15.7") for Multi pages scan	Width: 174 ~ 216mm (6.9"~8.5") Length : 128 ~ 356mm (5" ~ 14.0") for Single page scan 128 ~ 400mm (5" ~ 15.7") for Multi pages scan
	Dimension	540 x 320 x 90 mm	540 x 320 x 130 mm
	Weight	about 2.5 Kg	about 5.6 Kg

## 2.2.7 Software

Items		SCX-6122FN	SCX-6322DN
OS		-Windows 98/Me/NT4.0/2000/XP(32/64bit) -Various Linux OS (via USB interface only) including Red Hat 8 ~ 9, Fedora Core 1~4, Mandrake 9.2~10.1, and SuSE 8.2~9.2 -Mac 10.3, 10.4	-Windows 98/Me/NT4.0/2000/XP(32/64bit) -Various Linux OS (via USB interface only) including Red Hat 8 ~ 9, Fedora Core 1~4, Mandrake 9.2~10.1, and SuSE 8.2~9.2 -Mac 10.3, 10.4
Driver	Printer	PCL6, PS3 Clone	PCL6, PS3 Clone
	TWAIN	Yes	Yes
	WIA	Yes	Yes
Application S/W	SmarThru	SmarThru Office (Windows)	SmarThru Office (Windows)
	Smart Panel	Yes(Windows/Mac/Linux)	Yes(Windows/Mac/Linux)
	Printer Settings Utility	Yes(Windows/Mac/Linux)	Yes(Windows/Mac/Linux)
	Network Scan (Client)	Yes(Windows)	Yes(Windows)
	Scan To PC	Yes(Windows)	Yes(Windows)
	PC-FAX	Yes (SmarThru Office , Send only, Local/Network)	Yes (SmarThru Office , Send only, Local/Network)
	Direct Printing Utility	Yes(Windows)	Yes(Windows)
Network Application	SWAS	SWAS 4.5 (Windows)	SWAS 4.5 (Windows)
	SetIP	Yes(Windows)	Yes(Windows)

## 2.2.8 Options

Items	SCX-6122FN	SCX-6322DN
Network Kit	Standard	Standard
Memory	-	-
Paper Cassette	1EA x 550-sheet Cassette Tray(SCX-6320S5)	1EA x 550-sheet Cassette Tray(SCX-6320S5)
PS	Standard	Standard
Mechanical Counter	N/A	N/A
F D I	N/A	N/A
Downloadable Font ROM	N/A	N/A
2nd Fax Modem	-	-
Desk	Desk (SCX-6320G5)	Desk (SCX-6320G5)
Others	-	-




## 2.2.9 Consumables

Items		SCX-6122FN	SCX-6322DN
Type		2 piece	2 piece
Model Code	Toner	SCX-6320D8	SCX-6320D8
	Drum	SCX-6320R2	SCX-6320R2
Toner	Life	Standard Toner: 8,000 pages at ISO 19752 5% Coverage (Ships with standard 8,000 pages toner and 20,000 page Drum)	Standard Toner: 8,000 pages at ISO 19752 5% Coverage (Ships with standard 8,000 pages toner and 20,000 page Drum)
	Level Sensor	Yes	Yes
Drum Unit	Life	20K Pages (Ships with standard 8,000 pages toner and 20,000 page Drum)	20K Pages (Ships with standard 8,000 pages toner and 20,000 page Drum)
	Level Sensor	No	No
Toner Count		Yes (CRUM)	Yes (CRUM)

## 2.2.10 Accessory

Items		SCX-6122FN	SCX-6322DN
Accessory	Quick setup guide	Yes	Yes
	S/W CD ROM	1 CD for PCL6, PS, Mac and Linux Driver, SmarThru Office, EUG 1 CD for Network	1 CD for PCL6, PS, Mac and Linux Driver, SmarThru Office, EUG 1 CD for Network
	Toner Cartridge	1 EA	1 EA
	Drum Unit	1 EA	1 EA
	Power Cable	1 EA	1 EA
	Telephone Jack	Yes	Yes
	In/Out Guide	No	No
	Printer Cable	1EA USB Cable	1EA USB Cable

## 2.3 Model Comparison Table

Vendor	Samsung	Canon	Samsung
Model	SCX-6322DN	ImageRunning XXXX	SCX-6122FN
Image			
Configuration	Copy,Print,Scan,Fax, NW	Copy,Print,Scan,Fax, NW	Copy,Print,Scan,Fax, NW
Standard Interfaces	10/100Base TX, USB2.0, Parallel 1284	10/100Base TX, USB2.0, Parallel 1284	10/100Base TX, USB2.0, Parallel 1284
Print Speed	20ppm / A4	22ppm / A4	20PPM / A4
Warm-Up Time	30seconds	4.5 seconds	30seconds
First Copy Speed	8 seconds	8 seconds	8 seconds
ADF	Duplex ADF	Duplex ADF	Simplex ADF
STD Input Paper Capacity	600 sheed	600 sheet	600 sheet
Max. Pape Capacity	1,100 sheet	1,100 sheet	1,100 sheet
Print Resolution	1,200dpi effective output (Addressable 1,200dpi)	1,200 x 600 dpi	1,200dpi effective output (600x600dpi + RET)
Standard Memory	64MB	128MB	64MB
Zoom	25-400%	50-200%	25-400%
Fax Modem	33.6 Kbps	33.6 Kbps	33.6 Kbps
Fax Memory	8MB	20MB	8MB
Platen Glass Size	8.5" x 14"	8.5" x 14"	8.5" x 14"
Scan to Email	Standard	Standard	Standard
Toner Yield	8K	5K	8K
Drum Yield	20K	25K	20K