IPDS Option Upgrade Kit Installation Instruction

N904153

Revision Table

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IPDS Option Upgrade Kit Installation Instruction

For IPDS Upgrade Only

Engine Serial No.: _	
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IPDS Option PIN Number:

Keycode for IPDS:

- Note1: These instructions are specific to the printer identified by the engine serial number and the IPDS Option PIN Number shown above.
- Note2: Please obtain the keycode for IPDS according to "3. Obtain the keycode for IPDS" before installing the IPDS Option Upgrade Kit.
- Note3: Please keep the keycode for IPDS and the IPDS Option PIN Number importantly. Because you must reinstall the keycode for IPDS and the IPDS Option PIN Number when the Hard Disk Drive is exchanged.

Necessary parts

- (1) IPDS Option Upgrade Kit Installation Instruction (this booklet) x 1
- (2) Users Manual for IPDS(CD) x 1
- (3) IPDS Option PIN Number x 1
- (4) IBM IPDS Logo seal x 1

Working time

Approx. 60 min.

Necessary tools

(1) Personal Computer for installing the keycode for IPDS and IPDS Option PIN Number x 1 This PC is installed MS-Windows OS (95/98/NT4.0/2000/XP). And it is capable of connecting network with Ethernet cable.

(Note4) Take the power supply of a notebook PC with the AC adapter when you use a notebook PC.

(2) Ethernet cable (cross)

Procedure Overview

Execute procedures according to the following order.

- 1. Confirm the current version of controller software and the engine serial number
- 2. Update the controller software
- 3. Obtain the keycode for IPDS
- 4. Confirm the current printer setting values without fail
- 5. Install the keycode for IPDS and the IPDS Option PIN Number
- 6. Execute the Factory Default
- 7. Execute the Backup All
- 8. Confirm the IPDS operation
- 9. Put on IBM IPDS Logo seal

1. Confirm the current version of controller software and the engine serial number

Print the status page by the following procedure before installing the keycode for IPDS. And confirm the current version of controller software and the engine serial number. Please update the controller software if the version of controller software is less than "em300". (Refer to "2. Update the controller software") And the engine serial number is needed to obtain the keycode for IPDS. (Refer to "3. Obtain the keycode for IPDS")

(Note5) The engine serial number is not printed if the version of controller software is less than "em300".



2. Update the controller software

The version of controller software should be the latest version ("em300" or more) to operate the IPDS option. Update the controller software if the version of controller software is less than "em300".

The following parts are needed to update the controller software. Obtain the following parts, and update the controller software according to "Update Instruction".

- (1) Controller update file for the latest version ("em300" or more).
- (2) "LoadSoft.exe" Application.
- (3) Update Instruction.

3. Obtain the keycode for IPDS

To obtain the keycode for IPDS, send the engine serial number and the IPDS Option PIN Number to the following mail address.

ZPG_IPDS_AK@nts.ricoh.co.jp

4. Confirm the current printer setting values without fail

Executing the Factory Default is needed to enable the IPDS after installing the IPDS Option Upgrade Kit. When the Factory Default is executing, various printer-setting values are reset to the factory default value and VPT added by user is deleted. Therefore, confirm the current printer setting values indicated in Table1 by using the Operator Control Panel and the Web Utilities. (Table1 is located at the end of this booklet)

After executing the Factory Default, please return the value initialized to former value.

5. Install the Keycode for IPDS and the IPDS Option PIN Number

If you are installing the IPDS option to upgrade, the keycode for IPDS and the IPDS Option PIN Number are required to enable the option. To install the keycode for IPDS and the IPDS Option PIN Number, follow the steps below.

- (1) Connect the printer with the your personal computer with the Ethernet cable (cross).
- (2) Start your Internet browser application.
- (3) Enter the IP address of the printer in the address box of the web browser. (Obtained from the Operator Control Panel).
- (4) Select Service.



(5) In the Password dialog enter **service** in the User Name text box. Click OK.

Connect to 19	2.1.1.192
R	- GR
service User name: Password:	ervice

(6) Select Configuration.

These	ENGLISH DEUTSC	н	FRANÇAIS	
rione Printer Display	Venuor		Sue Map	
Ready	Servi	ce - Consumab	les	
Paper Out Tray 2	Consumable	Current	Limit	Status
	N/A Developer Mix [kc]	64	800	0
	🥅 Heat Roll [ki]	804	2400	0
	DPC Sheet [kc]	325	450	0
	🦵 Backup Roll [ki]	811	2400	O
Service	🗂 Cleaner Brush [kc]	26	2500	Õ
	🗖 Transfer Belt [ki]	820	1600	Ö
	🗂 Fuser Web [ki]		N/A	-
Service Consumables PR Parts Page Counter Documentation Engine Config Reset Transition		Reset Counter		

(7) Select License Keycode from the Configuration menu to display the Configuration-Keycode window.

(8) Enter the IPDS Option PIN Number in PIN Number (IPDS) text box, and enter the keycode for IPDS (noted at the top of this document) in the Assigned Keycode (IPDS) text box.



(Note6) Don't change the keycode in the Assigned Keycode text Box.

(9) Check the box in the select column, and click Submit.

(10) The message that "Please follow the instruction on Operator Control Panel" will be displayed.

(Note7) Please confirm value of the engine serial number if you fail in the input of the keycode for IPDS.



(11) Power off/on the printer.

6. Execute the Factory Default

Execute the Factory Default to enable the IPDS as follows.

CAUTION!

When Factory Default is executed, please note that the following matter is generated.

- (a) Various printer setting values (indicated in Table1) changed by user are reset to the factory default value.
- (b) VPT added by user is deleted.
- (1) Start your Internet browser application.
- (2) Enter the IP address of the printer in the address box of the web browser. (Obtained from the Operator Control Panel).
- (3) Select Service.



(4) In the Password dialog enter service in the User Name text box. Click OK.

Connect to 19	2.1.1.192	? 🔀
R		
service		
User name:	service	×
Password:	Remember my	password
	Ск	Cancel

(5) Select Reset.



(6) Check the box of Factory Default in the select column, and click Submit.

	Home	ENGLISH	W	DEUTSCH endor	FRANÇAIS Site Map
Check the box	Printer Display	1		Service - R	eset
	PM Counter Exceeded			Service I	
	🥖 Manage	Fac	tory Default	Restore image controller Same as factory default	configuration to factory default setting. from OCP. System requires power cycle.
		C PM	l Counter	Reset Preventive Mainte	nance Counter.
	Service	C Err	ror Log	Delete the error log file.	
		C Eve	nt Log	Delete the event log file.	
	Service Consumables PR Parts Page Counter Documentation Engine Config Reset Log Configuration			Submit	Submit

(7) After the above-mentioned operation is executed, the following screens are displayed in the Operator Control Panel of the printer.

Factory Default	Factory Default
Processing	The process has been completed successfully.
2	The system requires power cycle.

(8) Power off/on the printer.

7. Execute the Backup All

Please return the value initialized to former value after executing the Factory Default, and execute the Backup All as follows.

(1) Touch the Setup icon on Main Menu.



(2) Touch "Service" button.



(3) The input screen of "Service Password" is displayed. Touch the Enter button to enter "Service" menu without inputting the Service Password (factory-set default). When the Service Password is changed, type the new value and touch the Enter button.



- Service Service ▲? ▲? Consumables PM Counter Reset Passwords System Software Factory Default Backup/Restore Configuration Halftone Selection * 4 * 4 Next screen button
- (4) Touch the Next Screen button once to display the next screen, and touch "Backup/Restore" button.

(5) Touch the "Backup" button, and touch "All" button.



(6) Touch the Enter button, then the screen shows the backup processing.



Enter button

(7) Touch the Exit button.



(8) Power off/on the printer.

8. Confirm the IPDS operation

Confirm to operate the IPDS option in the printer as follows.

(1) Print the IPDS font as following procedure after online displayed on Operator Control Panel . (Several pages are printed.)

(Note8) Please confirm value of the keycode for IPDS and the IPDS Option PIN Number, if you fail in the print of the IPDS Fonts.



(Print Sample for IPDS Fonts)

IPDS Fonts IPDS Resident Type 1 Scalable Fonts FGID - GCSGID - TYPEFACES - Latin 1/2/3/4/5 with Euro and Yietnamese
2308 - 1503 - Times Mew Roman Medium
2309 - 1503 - Times Mew Roman Italic Medium
2310 - 1503 - Times Mew Roman Italic Bold
2304 - 1503 - Helvetica Roman Medium
2305 - 1503 - Helvetica Roman Sold
2306 - 1503 - Helvetica Roman Sold
2306 - 1503 - Helvetica Italic Medium
2307 - 1503 - Helvetica Roman Medium
2306 - 1503 - Helvetica Roman Medium
2307 - 1503 - Helvetica Roman Medium
2307 - 1503 - Helvetica Roman Medium
240 - 1503 - Courier Roman Bold
424 - 1503 - Courier Roman Bold
425 - 1503 - Courier Italic Medium
428 - 1503 - Courier Italic Bold FGID - GCSGID - TYPEFACES - Symbols with Euro 2308 - 1191 - Times New Roman Medium 2309 - 1191 - Times New Roman Bold 2304 - 1191 - Helvetica Roman Medium 2305 - 1191 - Helvetica Roman Medium 415 - 1191 - Courier Roman Medium 420 - 1191 - Courier Roman Bold GCSGID - TYPEFACES - Cyrillic Greek with Euro 1504 - Times New Roman Medium 1504 - Times New Roman Bold 1504 - Times New Roman Italic Medium 1504 - Times New Roman Italic Bold 1504 - Helvetica Roman Medium 1504 - Helvetica Roman Sold 1504 - Helvetica Italic Medium 1504 - Helvetica Italic Medium 1504 - Courier Roman Medium 1504 - Courier Roman Medium 1504 - Courier Italic Nedium 1504 - Courier Italic Medium 1504 - Courier Italic Medium FGID -2308 · 2309 · 2310 · 2311 2304 2305 2306 2367 416 420 424 428 .
 FGID
 - GCSGID
 TYPEFACES
 - Arabic with Euro

 2308
 - ISO5
 - ITC Boutros Setting Medium

 2309
 1506
 - ITC Boutros Setting Medium

 2310
 - ISO6
 - ITC Boutros Setting Italic Medium

 2311
 - ISO6
 - ITC Boutros Setting Italic Bold

 2304
 - ISO6
 - ITC Boutros Modern Rokas Medium

 2305
 - ISO6
 - ITC Boutros Modern Rokas Italic Medium

 2306
 - ISO6
 - ITC Boutros Modern Rokas Italic Medium

 2307
 - ISO6
 - ITC Boutros Modern Rokas Italic Bold

 4306
 - ISO6
 - ITC Boutros Modern Rokas Italic Bold

 420
 - ISO6
 - Boutros Typing Medium

 420
 - ISO6
 - Boutros Typing Italic Medium

 424
 - ISO6
 - Boutros Typing Italic Medium

 428
 - ISO6
 - Boutros Typing Italic Medium

9. Put on IBM IPDS Logo seal

Put the IBM IPDS Logo seal on the printer as follows.



		Factory Default		
OCP:Printer M				
Paper Source	Default			AutoSelect
	Paper Size	1	Standard Paper Size	Folio SEF
			Custom Size(Width)	8.5″/215.9mm
			Custom Size(Length)	11″/279.4mm
		2	Standard Paper Size	Folio SEF
			Custom Size(Width)	8.5″/215.9mm
			Custom Size(Length)	11″/279.4mm
		HCF1 Lower *1	Standard Paper Size	Folio SEF
			Custom Size(Width)	8.5″/215.9mm
			Custom Size(Length)	11″/279.4mm
		HCF1 Upper *1	Standard Paper Size	Folio SEF
			Custom Size(Width)	8.5″/215.9mm
			Custom Size(Length)	11″/279.4mm
		HCF2 Lower *1	Standard Paper Size	Folio SEF
			Custom Size(Width)	8.5″/215.9mm
			Custom Size(Length)	11″/279.4mm
		HCF2 Upper *1	Standard Paper Size	Folio SEF
			Custom Size(Width)	8.5″/215.9mm
			Custom Size(Length)	11″/279.4mm
	Paper Type	1	I	Plain
		2		Plain
		HCF1 Lower *1		Plain
		HCF1 Upper *1		Plain
		HCF2 Lower *1		Plain
		HCF2 Upper *1		Plain
	Paper Color	1		White
		2		White
		HCF1 Lower *1		White
		HCF1 Upper *1		White
		HCF2 Lower *1		White
		HCF2 Upper *1		White
	Paper Weight	1		20-lb bond
		2		20-lb bond
		HCF1Lower *1		20-lb bond
		HCF1 Upper *1		20-lb bond
		HCF2 Lower *1		20–lb bond
		HCF2 Upper *1		20-lb bond
	HV Adjust	Front - Width/Length		0″ / 0″
		Back - Width/Length		0″ / 0″
Paper Output	Default Output			CS1 Lower
	Stacking Level	1Lower:Short		100%
		1Lower:Long		100%
		1Upper:Short		100%
		1Upper:Long		100%
		2Lower:Short *2		100%
		2Lower:Long *2		100%
		2Upper:Short *2		100%
		2Upper:Long *2		100%

|--|

*1 : This menu is displayed only when the HCF is installed.

*2 : This menu is displayed only when the Additional Stacker is installed.

		Factory Default			
Option	Wait Timeout	Wait Timeout			
	LPD Queuing	Disable			
	Duplex-Always		Disable		
	Auto Proof Sample		0		
	FaceUp Always		Disable		
Postscript	Print Errors		Enable		
	Best Fit		Enable		
	Job TimeOut		0		
	Halftone *3		Medium 106lpi		
	PS Wait Timeout		295		
PCL	Wide A4		Disable		
	Requested Tray		Exclusively		
OCP:Setup I	Venu				
OCP	Contrast		10		
	Volume		3		
Service	Halftone Selection		Disable		
	MIB Function		Standard		
	Click Charge Count	Value	Hide		
	Click Charge Double	Count *6	Disable		
System	Network	Boot Method	STATIC		
-		НТТР	80		
	Exit Jam Recovery	Exit Jam Recovery			
	Calendar	TimeZone	GMT		
	Country Code	1			
	Energy Save Mode	Enable			
	Energy Save Time	15			
	Auto Online	Enable			
	public R/W	Disable			
	Auto Backup Time		1:00		
	Output Cascade	Cascade Priority	Lower to Upper		
		Cascade on CS Open	Stop		
Language			English		
Attention	Buzzer : Yellow		Enable		
Buzzer	Buzzer : Red		Enable		
Web:Manage	- System Menu				
General	Option	Auto Feed Direction	Disable		
		Exit Jam Recovery	Enable		
		Wait Timeout (0–999)	300		
		*PDL Memory Size (6-50)	16		
	PostScript	Print Errors	Enable		
		Best Fit	Enable		
		Job Timeout (0, 15–999)	0		
		PS Wait Timeout(0-999)	295		
		*Memory Size (7.5 - 15)	11.8		
Tray	HV Adjust	· · · · · · · · · · · · · · · · · · ·	0.0.0.0		
	Paper Color		Color 1 – Color 80		
	•				

*3 : It is displayed when [Setup]-[Service]-[Halftone Selection] is set to Enable.

*6 : It is displayed when [Setup]-[Service]-[Click Charge Count Value] is set to "Show".

	Items			Factory Default
Virtual Printer	Default	General	Emulation	Auto Select
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	CS1 Lower
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Duplex	Disable
			Binding	Long Edge
			Edge-to-Edge	Disable
			Rotation	Disable
			Reverse Order	Disable
		PCL *4	Page Orientation	Portrait
			Page Length (5 – 127)	60
			Line Termination	CR->CR ; LF->LF ;
				FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
		PostScript *5	PostScript I/O Mode	TBCP
	lp	General	Channel Name	lp
			Emulation	Auto Select
			Protocol	9100
			Spooling	None
			LPD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
			Rotation	Disable
			Reverse Order	Disable
		PGL *4	Page Orientation	Portrait
			Page Length (5 - 127)	
				FF-SFF
			Line Wran	0#
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
		PostScript *5	PostScript I/O Mode	TBCP

Virtual Printer text General Channel Name text Potocol 3100 Sociare None PD Barner Paee Disable None PD Barner Paee Disable Accounting Sio Sheet Disable Accounting Sio Sheet Disable Paper State Latter LEF Paeer Color White Paeer Color White Paeer Color White Disable Back Source Odistet Disable Back Source Disable Back Source Disable Back Source Disable			Items		Factory Default
Implementation Acto Select. Protocol 3100 Specific None LPD Barner Pase Disable Accountins Sile Sheet Disable Paper Handling Paper Size Letter LEF Paper Color White Paper Surce Colliste Enable Odo Offset Disable Output Acto Select Paper Handling Paper Handling Paper Value Acto Select Paper Handling Paper Handling Paper Handling Paper Handling Acto Select Paper Handling Paper Handling Paper Handling Paper Handling Paper Handling Paper Hand	Virtual Printer	text	General	Channel Name	text
Protocol 3100 Scooling None LPD Banner Page Disable Accountins Silis Sheet Disable Paper Handling Paper Source Auto Select Paper Color White Paper Color Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable PostScript +S PostScript I/O Mede TBCP Iner Wrap Off Font-Paper Alanding Paper Source Auto Select Paper Manding Paper Source Auto Select				Emulation	Auto Select
Socolina None LPD Banner Paez Disable Accounting Sile Sheet Disable Paper Handling Paper Size Letter LEF Paper Cource Auto Select Paper Cource Auto Select Paper Cource White Paper Cource Disable Disable Disable Disable Disable Disable Disable Base Orientation Portati Post Script *5 PostScript / Dorient LO Mode Font Surger Post Protecol Script *5 PostScript / Onde Paper Handling Base Source Paper Script *5 PostScript / Onde Paper Script *5 PostScript / Onde PostScript *5 PostScript / Onde Protocol 3101 Scooling None LPD Barner Page Disable Disable				Protocol	3100
UPD Banner Page Disable Accounting Silo Statt Disable Paper Handling Pager Source Auto Select Pager Outout Auto Select Disable Pager Outout Auto Select Disable Doubt Disable Disable Doubt Barner Page Disable Doubt Barner Page Disable Doubt Barner Page Disable PortScript #5 PostScript 1/0 Dore-RFF Line Wrap Disable Dore-RFF Dire Termination Charnel Name vor-nel Font-Techn (0.44 = 999.75) 10 PostScript #5 Post				Spooling	None
Accounting Sile Sheet Disable Paper Handling Paper Size Letter LEF Paper Oltrut Auto Select Paper Oltrut Auto Select Paper Outrut Auto Select Doubra Disable Bandra Enable Job Offset Disable Bindna Enable Job Offset Disable Bindna Short Edge Edge to Edge Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Post Script +5 Post Script 1/O Mode TBCP Vp-pcl General Disable Paper Twee Plan Disable Paper Handling Pager Script 1/O Mode TBCP Vp-pcl General Disable Paper Handling Pager Script 1/O Mode TBCP Paper Handling Pager Script 1/O Mode TBCP Paper Handling Pager Script 1/O Mode Disable <td></td> <td></td> <td></td> <td>LPD Banner Page</td> <td>Disable</td>				LPD Banner Page	Disable
Paper Handling Paper Surce Auto Select Paper Fixe Plain Paper Color White Paper Color White Paper Color White Paper Color White Paper Color White Paper Color White Disable Disable Dunlex Disable Disable Disable Bindine Short Edre Disable Bindine Short Edre Disable Bindine Short Edre Disable Bindine Short Edre Disable Bindine Recores Code Internal Fort-Strict PO-8 Fort-Strict (1/4 - 999,75) 12 Fort-Strict Odde Tisco 3101 Scooling None PO-8 Fort-Strict Disable Paper Handling <td< td=""><td></td><td></td><td></td><td>Accounting Slip Sheet</td><td>Disable</td></td<>				Accounting Slip Sheet	Disable
vp-pol Paper Size Letter LEF Paper Color Plain Paper Color White Paper Color Auto Select Conies(1=99) 1 Collate Enable Judes Disable Bindine Short Edge Edge-to-Edge Disable Rotation Portait PostScript *5 PostScript *0 (Ad - 9999) Vp-pol General Channel Name Vp-col Vp-pol General Channel Name Vp-col Pager Handling Pager Source Auto Select PostScript *5 PostScript Voe Plain Pager Source Auto Select Disable R			Paper Handling	Paper Source	Auto Select
vp-pcl Paper Tobe Plain Paper Color White Paper Color White Paper Output Auto Select Collate Enable Job Offset Disable Dualex Short Eddee Edde-to-Edde Disable Bindine Short Eddee Edde-to-Edde Disable Reverse Order Disable PostScript *5 PostScript Volt PostScript *5 PostScript Volt TBCP PostScript *5 PostScript Volt TBCP PostScript *5 PostScript Volt Mode Post Ordor Post Post Post None Disable Disable Post Octor				Paper Size	Letter LEF
vp-pol Paper Cutout. Avto Select. Colleta Finable Job Offset Disable Job Offset Disable Bindine Bindine Bindine Edge-to-Edge Disable Bindine Bindine Colleta Disable Bindine PCL *4 Page Orientation Potrait Potrait Page Institution Off-field Disable Potrait Page Lenth (5 = 127) 60 Chore Line Wrap Off Font-Source Internal Font-Munker 23 Font-Hith (14 - 999.7) 12 PostSoript *5 PostSoript // Mode Poc.8 Font-Hith (14 - 99.9) 10 PostSoript *5 PostSoript // Mode TBCP PostSoript // PostSoript // Mode TBCP PostSoript *5 PostSoript // Mode PostSoript // PostSoript // Mode TBCP PostSoript *5 PostSoript // Mode TBCP PostSoript // Mode Paper Handling Page Surge None Disable Paper Size Lettr LEF Pagee Size <td></td> <td></td> <td></td> <td>Paper Type</td> <td>Plain</td>				Paper Type	Plain
vp-pcl Paper Cutout Auto Select Coolest(1=99) 1 Collate Enable Job Offset Disable Bindine Short Edge Biddine Disable Reverse Order Disable PostScript +5 PostScript Vode PostScript +5 PostScript Vode PostScript +5 PostScript Vode Paper Name Vp-pcl General Channel Name Paper Size Letter LEF Paper Nize Letter LEF Paper Size Letter LEF <td></td> <td></td> <td></td> <td>Paper Color</td> <td>White</td>				Paper Color	White
vp-pol General Constant Frable PCL *4 Paso Orientation Disable PCL *4 Paso Orientation PostSoriet 1:5 - 0:70 PostSoriet *5 PostSoriet 1:5 - 0:70 PostSoriet 1:5 - 0:70 PostSoriet *5 PostSoriet 1:5 - 0:70 PostSoriet 1:5 - 0:70 PostSoriet *5 PostSoriet 1:5 - 0:70 PostSoriet 1:5 - 0:70 PostSoriet *5 PostSoriet 1:5 - 0:70 PostSoriet 1:5 - 0:70 PostSoriet *5 PostSoriet 1:0 - 0:70 PostSoriet 1:0 - 0:70 PostSoriet *5 PostSoriet 1:0 - 0:70 PostSoriet 1:0 - 0:70 PostSoriet *5 PostSoriet 1:0 - 0:70 PostSoriet 1:0 - 0:70 PostSoriet *5 PostSoriet 1:0 - 0:70 PostSoriet 1:0 - 0:70 PostSoriet *5 PostSoriet 1:0 - 0:70 PostSoriet 1:0 - 0:70 PostSoriet *5 PostSoriet 1:0 - 0:70 PostSoriet 1:0 - 0:70 PostSoriet *5 PostSoriet 1:0 - 0:70 PostSoriet 1:0 - 0:70 PostSoriet *5 PostSoriet 1:0 - 0:70 PostSoriet 1:0 - 0:70 PostSoriet *5 PostSoriet 1:0 - 0:70 PostSoriet 1:0 - 0:70				Paper Output	Auto Select
Collate Enable Job Offset Disable Duclex Disable Bindinz Short Edge Edge-to-Edge Disable Bradinz Short Edge Reverse Order Disable Reverse Order Disable Port Second Post Port Second Post Pase Lenth (5 - 127) 60 Line Wrap Off Font-Number 23 Font-Storit/O Mode Boot <t< td=""><td></td><td></td><td></td><td>Copies(1-999)</td><td>1</td></t<>				Copies(1-999)	1
Job Offset Disable Bindinz Short.Edze Bindinz Short.Edze Bindinz Short.Edze Bindinz Disable Reverse Order Disable Pase Orientation Portrait Pase Orientation Portrait Im Terminology Charteneous Font-Sumool Set PC-8 Font-Pitch (044 - 99.90) 10 PostScript #5 PostScript I/O Mode TBCP Font-Pitch (044 - 99.90) 10 PostScript #5 PostScript I/O Mode TBCP Vp-pol General Channel Name None PostScript #5 PostScript I/O Mode TBCP Materia Pase Disable Disable Accounting Silo Sheet Disable Disable Disable Paser Trae Paser Color				Collate	Enable
Duolex Disable Bindinz Short Edge Bindinz Short Edge Bidation Disable Reverse Order Disable Reverse Order Disable PocL *4 Pase Lenth (5 - 127) 60 Line Termination LF : FF->CR = F Line Wrap Off Font-Number 23 Font-Number 23 Font-Symbol Set PC-8 Font-Number 23 Font-Numane None				Job Offset	Disable
Binding Short Edge Edge: to:Edge Disable Reverse Order Disable Reverse Order Disable PCL *4 Page Orientation Portrait Page Orientation Portrait Reverse Order Disable Inn Termination Portrait Reverse Order Eint Processon Inn Termination CR->CR-IF; I:F->CR-FF Line Wrap 23 Font-Source Internal Font-Source Internal Font-Source Internal Font-Source Internal Font-Source Internal Font-Pick 0.44 = 99.90 10 PostScript *5 PostScript 1/O Mode TBCP Vp-pol General Channel Name vo-nol Bradetion PCL Protocol 3101 Sooolinz None LPD PostScript *0 None LPD Banner Page Disable Pager Size Letter LEF Pager Size Letter LEF Pager Size Letter LEF Pager Color White Disable				Duplex	Disable
Edge-to-Edge Disable Rotation PCL *4 Bage Orientation Portrait Page Lensth (5 - 127) 60 Line Termination CR->CR-LF : LF->CR-FF Line Wrap Off Font-Number 23 Font-Sumbel Set PC-8 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode TBOP Protocol 3101 Spooling None Protocol 3101 Spooling None Paper Handling Paper Source Auto Select Paper Type Plain Paper Color White Paper Color White Paper Output Auto Select Color Disable Disable Disable Paper Golor White Paper Color White Paper Color Disable Disable <td></td> <td></td> <td></td> <td>Binding</td> <td>Short Edge</td>				Binding	Short Edge
Rotation Disable Reverse Order Disable Reverse Order Disable PCL *4 Pare Orientation Portrait Pare Lenath (5 - 127) 60 Line Termination CR->CR-FF: LF->CR- Fort-Surce Line Termination Off Font-Surce Internal Font-Surce Internal Font-Thirb(1-4 - 99.99) 10 PostScript *5 PestScript I/O Mode TBCP Channel Name vp-pcl General Channel Name vp-od Emulation PCL Paper Handling Paper Source Accounting Slip Sheet Disable Paper Type Plain Paper Type Plain Paper Type Plain Paper Output Auto Select Qories(1=99) 1 Colate Enable Jobolex Disable Binding Short Edge Binding Pase Orientation PostScript *5 PostScript *5 PCL *4 Pase Orientation PostScript *5 PostScript *5 PostScript *5 PostScript VD Mode				Edge-to-Edge	Disable
PCL *4 Reverse Order Disable PCL *4 Pare Lenath (5 - 127) 60 Line Termination CR+>CR+; LF+>CR+ Line Wrap 0ff Font-Source Internal Font-Prich (044 - 99.95) 12 PostScript *5 PostScript 1/O Mode TBCP Quarter Protocol 3101 Socolinz None LPD Banner Pare Disable Paper Handling Paper Size Letter LEF Paper Troe Plain Paper Outout Auto Select Copies(1-999) 1 Collex Disable Paper Outout Auto Select Copies(1-999) 1 Collex Disable Reverse Order Disable Braiding				Rotation	Disable
PCL *4 Page Orientation Portrait Page Learth (5 - 127) 60 Line Termination CR->CR-LF; LF->CR-FF Line Wrap Off Font-Source Internal Font-Swince PostScript *5 PostScript *5 PostScript /0 Mode PostScript *5 PostScript /0 Mode Font-Frieh (044 - 999.75) 12 Font-Source Auto Select Cooling None Line Wrap Paper Vac Paper Handling Paper Size Paper Output Auto Select Cooling Disable Binding Short Edge Binding Short Edge				Reverse Order	Disable
Pare Lentth (5 - 127) 60 Line Termination CR+OR+LF; LF->CR+F Line Wrap Off Font-Source Internal Font-Source Internal Font-Source Internal Font-Source Pc-8 Font-Source Pc-8 Font-Pitch (044 - 99.90) 12 Font-Pitch (044 - 99.90) 10 PostScript *5 PostScript 1/O Mode TBOP Vp-pcl General Channel Name vo-sol Emulation PCL Protocol 3101 Scooling None LPD Baner Page Disable Accounting Sip Sheet Disable Paper Surce Auto Select Paper Handling Paper Surce Palain Pacer Type Paper Handling Paper Surce Uselect Disable Paper Oldor White Paper Oldor White Paper Oldor White Disable Disable Duclex Disable Disable Disable Duclex Disable			PCL *4	Page Orientation	Portrait
Line Termination CR->CR-LF; LF->CR- LF; FF->CR-FF Line Wrap Off Font-Source Internal Font-Number 23 Font-Source 100 Set PO-8 Font-Height (4 - 999.75) 12 Font-Height (4 - 999.75) 12 Font-Height (4 - 999.99) 10 PostScript *5 PostScript 1/0 Mode TBCP Channel Name vo-pol Emulation PCL Protocol 3101 Spooling None LPD Banner Page Disable Accounting Slip Sheet Disable Paper Handling Paper Size Letter LEF Paper Twpe Plain Paper Cutout Auto Select Copies(1-999) 1 Collate Enable dob Offset Disable Binding Short Edge Edge-to-Edge Disable Binding Short Edge Edge-to-Edge Disable Reverse Order Disable Binding Short Edge Edge-to-Edge Disable Binding Short Edge Edge-to-Edge Disable Binding Short Edge Edge-to-Edge Disable Binding Colloct Disable Binding Short Edge Edge-to-Edge Disable Binding Short Edge Edge-to-Edge Disable Binding Colloct Disable Binding Context Disable Binding Short Edge Edge-to-Edge Disable Binding Context Disable Binding Context Disable Binding Short Edge Edge-to-Edge Disable Binding Context Dis				Page Length (5 - 127)	60
vp-pcl LF : FF->CR-FF Line Wrap Off Font-Source Internal Font-Surbol Set PC-8 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript (4 - 99.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript (4 - 99.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript (4 - 99.75) 12 Protocol 3101 Scooling None LPD Banner Page Disable Accounting Slip Sheet Disable Paper Handling Paper Surce Auto Select Paper Output Auto Select Paper Size Paper Output Auto Select Disable Duelex Disable Disable Duelex Disable Binding Pot Size Letter LEF Paper Output Paper Type 1 Collate Binding Short Edge Edge Bidle Font-Size Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Reverse Order PostScript *5 PostScript 1/O M				Line Termination	CR->CR-LF ; LF->CR-
vp-pcl Line Wrap Off Font-Source Internal Font-Number 23 Font-Heisht (4 - 999.75) 12 Font-Heisht (4 - 999.90) 10 PostScript *5 PostScript //O Mode Beneral Channel Name wp-pcl General Channel Name vp-ocl Brotocol 3101 Socoling None LPD Banner Page Disable Accounting Sile Steet Disable Paper Handling Paper Source Paper Color White Paper Color Disable Duelex Disable Duelex Disable PostScript *5 PCL *4 Pare Color White Paper Color White Paper Color Disable Duelex Disable Duelex Disable Reverse Order Disable Reverse Or					LF ; FF->CR-FF
PostScript *5 PostScript *5 PostScript *6 Paper Handling Paper Size Letter Paper Value Auto Select Disable PostScript *5 PostScript VO Mode TBCP vp~pcl General Channel Name vp~pcl Paper Value Channel Name vp~pcl Paper Value Paper Size Disable Paper Value Paper Size Letter LEF Paper Output Auto Select Disable Paper Value Paper Size Letter LEF Paper Output Auto Select Copies(1=999) Collate Enable Job Offset Disable Duplex Disable Disable Binding Short Edge Reverse Order Disable Disable Disable Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable				Line Wrap	Off
PostSoript *5 PostSoript / 23 Font-Number 23 Font-Symbol Set PC-8 Font-Height (4 - 999,75) 12 Font-Pitch (0.44 - 99.99) 10 PostSoript *5 PostSoript 1/0 Mode TBCP PostSoript *5 PostSoript / 20 3101 Broad State Disable None LPD Banner Page Disable Anone Paper Surce Auto Select Disable Paper Handling Paper Surce Auto Select Paper Type Paper Type Paper Surce Paper Value Auto Select Disable Paper Olor White Paper Olor Paper Surce Paper Surce Paper Surce Paper Olor White Paper Olor Paper Olor White Paper Olor Paper Olor White Paper Olor Paper Olor Uplex Disable Binding Short Edge Edge-to-Fide Disable Reverse Order Disable Reverse Order<				Font-Source	Internal
Font-Symbol Set PC-8 Font-Tsymbol Set PC-8 Font-Pitch (0.44 - 99.9) 10 PostScript *5 PostScript I/O Mode TBCP vp-pcl General Channel Name vo-ncl Emulation PCL Protocol 3101 Spooling None LPD Banner Pare Disable Accounting Slip Sheet Disable Accounting Slip Sheet Disable Paper Handling Paper Size Letter LEF Paper Size Letter LEF Paper Outout Auto Select Paper Size Disable Paper Outout Auto Select Disable Duplex Disable Paper Outout Auto Select Disable Duplex Disable Paper Outout Auto Select Disable Duplex Disable Paper Outout Auto Select Disable Disable Disable Paper Outout Auto Select Disable Disable Disable Pare Color Winte Paper Outout Auto Select Disable </td <td></td> <td></td> <td></td> <td>Font-Number</td> <td>23</td>				Font-Number	23
Font:Height (4 = 999.75) 12 Font:Hight (4 = 999.75) 12 Font:Thick (0.44 = 99.99) 10 PostScript *5 PostScript (VO Mode TBCP vp-pcl General Channel Name vo=pcl Protocol 3101 Soooling None LPD Banner Page Disable Accounting Slip Sheet Disable Accounting Slip Sheet Disable Paper Source Auto Select Paper Handling Paper Source Auto Select Copies(1=99) Paper Type Plain Paper Color White Paper Output Auto Select Copies(1=99) 1 Collate Enable Job Offset Disable Duclex Disable Reverse Order Disable Reverse Order Disable Reverse Order Disable Pact Source Internal Font-Shurber 23 Font-Source Internal Font-Source Internal Font-Source Internal Font-Source Internal Font				Font-Symbol Set	PC-8
Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode TBCP Vp-pcl General Channel Name vp-ocl Emulation PCL Protocol 3101 Spooling None LPD Banner Page Disable Accounting Slip Sheet Disable Accounting Slip Sheet Disable Paper Handling Paper Size Letter LEF Paper Type Paper Handling Paper Output Auto Select Coies(1-999) 1 Gollate Job Offset Disable Disable Job Offset Disable Binding Short Edge Edge-to-Edge Disable Binding Short Edge Edge-to-Edge Disable Binding Potrait Page Orientation Portrait Page Coientation Portrait Page Length (5 - 127) 60 Line Termination CR->CR; LF->LF ; Image Corientation Portrait Page Length (5 - 127) 60 Line Termination CR->CR; LF->LF ; Fort->FF Line Wrap Off Fort-Number 23 Fort-Number				Font-Height $(4 - 99975)$	12
PostScript *5 PostScript I/O Mode TBCP vp=pcl General Channel Name vp=pcl Protocol 3101 Spooling None LPD Baner Page Disable Accounting Slip Sheet Disable Accounting Slip Sheet Disable Accounting Slip Sheet Disable Paper Handling Paper Source Auto Select Paper Color White Paper Output Auto Select Cosies(1=99) 1 Collate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge to Coler Disable Duplex Disable Duplex Disable Binding Short Edge Edge to Termination Portait Page Orientation Portait Page Length (5 - 127) 60 Uine Termination CR->CR: LF->LF ; Ff->FF Line Wrap Off Line Wrap Off Font-Number 23 Font-Surbol Set PC-3 Font-Winber 23 Font-Winber 23 Font-Height (4 - 99.99) 10 PostScript *5 PostScript VO Mode<				Font-Pitch (0.44 - 99.99)	10
vp-pcl General Channel Name vp-pcl Emulation PCL Protocol 3101 Soooline None LPD Banner Page Disable Accounting Slip Sheet Disable Paper Handling Paper Size Letter LEF Paper Type Plain Paper Color White Paper Outout Auto Select Copies(1-999) 1 Collate Enable Job Offset Disable Dulex Disable Binding Short Edge Edge=to=Edge Disable Roverse Order Disable Roverse Order Disable Roverse Order Disable Roverse Order Disable PCL *4 Page Orientation Portrait Page Length (5 - 127) 60 CR->CR : LF->LF ; Line Termination CR->CR : LF->LF ; Font-Swurce Font-Swurce Internal Font-Swurce Font-Swurce Internal Font-Swurce Font-Swurbe Set PC-8 Font-Swurb			PostScript *5	PostScript I/O Mode	TBCP
Emulation PCL Protocol 3101 Spooling None LPD Banner Page Disable Accounting Slip Sheet Disable Paper Handling Paper Size Letter LEF Paper Type Plain Paper Olor White Paper Olor White Paper Olor White Paper Olor Upplanner Paper Olor White Paper Olor White Paper Olor Upplanner Paper Olor White Paper Olor White Paper Olor Upplanner Paper Olor White Paper Olor White Paper Olor White Paper Olor White Paper Olor Mite Paper Olor Mite Paper Olor Mite Paper Olor Disable Job Offset Disable Binding Short Edge Edge-to-Edge Disable Reverse Order Disable Page Length (5 - 127) 60 Line Termination CR->CR : LF->LF ; Ent-Surce Internal Font-Number 23 Font-Number		vp-pcl	General	Channel Name	
Protocol 3101 Spooling None LPD Banner Page Disable Accounting Slip Sheet Disable Paper Handling Paper Source Auto Select Paper Size Letter LEF Paper Color White Paper Outout Auto Select Copies(1-99) 1 Collate Enable Job Offset Disable Binding Short Edge Edge-to-Edge Disable Binding Short Edge Edge-to-Edge Disable Reverse Order Disable PCL *4 Page Orientation PCL *4 Page Orientation CR->CR ; LF->LF ; Ine Termination CR->CR ; LF->LF ; Font-Source Internal Font-Source Internal Font-Source Internal Font-Source Internal Font-Source Internal Font-Height (4 - 999.75) 12 Font-Height (4 - 99.99.10 10 PostScript *5 PostScript V/O Mode		, p p e.		Emulation	PCL
Spooling None LPD Banner Page Disable Accounting Slip Sheet Disable Paper Handling Paper Size Letter LEF Paper Type Plain Paper Color White Paper Output Auto Select Copies(1-999) 1 Colate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge-to-Edge Disable Reverse Order Disable Reverse Order Disable PCL *4 Page Orientation PostSoript *5 PostSoript VO Mode				Protocol	3101
LPD Banner Page Disable Accounting Slip Sheet Disable Paper Surce Auto Select Paper Size Letter LEF Paper Color White Paper Outout Auto Select Conies(1=999) 1 Collate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge-to-Edge Disable Reverse Order Offsat Page Length (5 - 127) 60 Line Termination CR->CR; LF->LF; Font-Source Internal Font-Source Internal Font-Source Internal Font-Source Internal Font-Source Internal Font-Pitch (0.44 - 99.99) 10 PostScript ±5 PostScript 1/0 Mode				Spooling	None
Accounting Slip Sheet Disable Paper Handling Paper Source Auto Select Paper Size Letter LEF Paper Type Plain Paper Color White Paper Outout Auto Select Copies(1-999) 1 Collate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge=to-Edge Disable Reverse Order Disable Reverse Order Disable Page Orientation Portrait Page Construct CR->CR ; LF->LF ; Fr->FF Line Wrap Off Font-Source Internal Font-Source Internal Font-Swibol Set PC-8 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				LPD Banner Page	Disable
Paper Handling Paner Source Auto Select Paper Size Letter LEF Paper Type Plain Paper Color White Paper Outout Auto Select Copies(1-999) 1 Collate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge-to-Edge Disable Reverse Order Disable Reverse Order Disable PCL *4 Page Orientation Page Length (5 - 127) 60 Line Wrap Off Font-Source Internal Font-Source Internal Font-Sumbol Set PC-8 Font-Height (4 - 999.75) 12 PostScript *5 PostScript I/O Mode Normal				Accounting Slip Sheet	Disable
Paper Size Letter LEF Paper Type Plain Paper Color White Paper Output Auto Select Copies(1-999) 1 Collate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge=to-Edge Disable Reverse Order Disable PCL *4 Page Length (5 - 127) Font-Source Internal Font-Source Internal Font-Source Internal Font-Source Internal Font-Height (4 - 99.975) 12 Font-Height (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal			Paper Handling	Paper Source	Auto Select
Paper Type Plain Paper Color White Paper Color White Paper Output Auto Select Copies(1-999) 1 Collate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge-to-Edge Disable Reverse Order Disable Reverse Order Disable PCL *4 Page Orientation Page Length (5 - 127) 60 Line Termination CR->CR ; LF->LF ; FF->FF Line Wrap Off Font-Source Internal Font-Sumbol Set PC-8 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Paper Size	Letter LEF
Paper ColorWhitePaper OutputAuto SelectCopies(1-999)1CollateEnableJob OffsetDisableDuplexDisableBindingShort EdgeEdge-to-EdgeDisableReverse OrderDisableReverse OrderDisablePCL *4Page OrientationPCL *4Page OrientationPCL *4Page OrientationPottraitPage OrientationPottraitPage OrientationPottraitPage OrientationPottraitPage OrientationPottraitPage OrientationPottraitPage OrientationPottraitPage OrientationPottraitPage OrientationPottraitPage OrientationPage Length (5 - 127)60Line TerminationCR->CR->CR ; LF->LF ;Font-SourceInternalFont-SourceInternalFont-SourceInternalFont-Height (4 - 999.75)12Font-Height (4 - 99.99)10PostScript *5PostScript I/O ModeNormal				Paper Type	Plain
Paper Output Auto Select Copies(1-999) 1 Collate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge-to-Edge Disable Reverse Order Disable Reverse Order Disable PCL *4 Page Orientation Page Length (5 - 127) 60 Line Wrap Off Font-Source Internal Font-Source Internal Font-Swmbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Paper Color	White
Copies(1-999) 1 Collate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge=to=Edge=to=Edge Disable Reverse Order Disable Reverse Order Disable PCL *4 Page Orientation Portrait Page Length (5 - 127) 60 Line Termination CR->CR ; LF->LF ; FF->FF Line Wrap Off Font-Source Internal Font-Number 23 Font-Sumbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Paper Output	Auto Select
Collate Enable Job Offset Disable Duplex Disable Binding Short Edge Edge-to-Edge Disable Reverse Order Disable Reverse Order Disable PCL *4 Page Orientation Page Length (5 - 127) 60 Line Termination CR->CR; LF->LF; FF->FF Line Wrap Off Font-Source Internal Font-Sumber 23 Font-Sumber 23 Font-Sumber 23 Font-Sumber 23 Font-Sumber 23 Font-Sumber 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Copies(1-999)	1
Job Offset Disable Duplex Disable Binding Short Edge Edge=to=Edge Disable Rotation Disable Reverse Order Disable PCL *4 Page Orientation Page Length (5 - 127) 60 Line Termination CR->CR; LF->LF; Font-Source Internal Font-Source Internal Font-Swmbol Set PC-8 Font-Height (4 - 99.975) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode				Collate	Enable
Duplex Disable Binding Short Edge Edge-to-Edge Disable Rotation Disable Reverse Order Disable PCL *4 Page Orientation Page Length (5 - 127) 60 Line Termination CR->CR ; LF->LF ; FF->FF Line Wrap Off Font-Source Internal Font-Number 23 Font-Svmbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Job Offset	Disable
Binding Short Edge Edge-to-Edge Disable Rotation Disable Reverse Order Disable PCL *4 Page Orientation Portrait Page Length (5 - 127) 60 100 Line Termination CR->CR ; LF->LF ; FF->FF Line Wrap Off Off Font-Source Internal Font-Number 23 Font-Svmbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 10 PostScript *5 PostScript I/O Mode Normal				Duplex	Disable
Edge-to-Edge Disable Rotation Disable Reverse Order Disable PCL *4 Page Orientation Portrait Page Length (5 - 127) 60 Line Termination CR->CR ; LF->LF ; FF->FF Line Wrap Off Font-Source Internal Font-Sumce Internal Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Binding	Short Edge
Rotation Disable Reverse Order Disable PCL *4 Page Orientation Portrait Page Length (5 - 127) 60 Line Termination CR->CR ; LF->LF ; FF->FF Line Wrap Off Font-Source Internal Font-Sumce Internal Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Edge-to-Edge	Disable
Reverse Order Disable PCL *4 Page Orientation Portrait Page Length (5 - 127) 60 Line Termination CR->CR ; LF->LF ; FF->FF FF->FF Line Wrap Off Font-Source Internal Font-Number 23 Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Rotation	Disable
PCL *4 Page Orientation Portrait Page Length (5 - 127) 60 Line Termination CR->CR ; LF->LF ; FF->FF Line Wrap Off Font-Source Internal Font-Number 23 Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Reverse Order	Disable
Page Length (5 - 127) 60 Line Termination CR->CR ; LF->LF ; FF->FF Line Wrap Off Font-Source Internal Font-Number 23 Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal			PCL *4	Page Orientation	Portrait
Line Termination CR->CR ; LF->LF ; FF->FF Line Wrap Off Font-Source Font-Sumber CR->CR ; LF->LF ; FF->FF Line Wrap Off Font-Source Internal Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Page Length (5 - 127)	60
FF->FF Line Wrap Off Font-Source Internal Font-Number 23 Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Line Termination	CR->CR ; LF->LF ;
Line WrapOffFont-SourceInternalFont-Number23Font-Symbol SetPC-8Font-Height (4 - 999.75)12Font-Pitch (0.44 - 99.99)10PostScript *5PostScript I/O ModeNormal					FF->FF
Font-Source Internal Font-Number 23 Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Line Wrap	Off
Font-Number 23 Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Font-Source	Internal
Font-Symbol Set PC-8 Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Font-Number	23
Font-Height (4 - 999.75) 12 Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Font-Symbol Set	PC-8
Font-Pitch (0.44 - 99.99) 10 PostScript *5 PostScript I/O Mode Normal				Font-Height (4 - 999.75)	12
PostScript *5 PostScript I/O Mode Normal				Font-Pitch (0.44 - 99.99)	10
			PostScript *5	PostScript I/O Mode	Normal

		Items		Factory Default
Virtual Printer	Postscript	General	Channel Name	postscript
			Emulation	PostScript
			Protocol	3102
			Spooling	None
			LPD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
			Rotation	Disable
			Reverse Order	Disable
		PCL *4	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ;
				FF->FF
			Line Wran	Off
			Ent-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height $(4 - 99975)$	12
			Font-Pitch $(0.44 - 99.99)$	10
		PostScript *5	PostScript I/O Mode	Normal
	ascii portrait	General	Channel Name	ascii portrait
	aloon_portionalo		Emulation	PCL
			Protocol	3104
			Spooling	None
			LPD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
			Rotation	Disable
			Reverse Order	Disable
		PCL *4	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ;
				FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (1 - 999 75)	12
			Font-Pitch $(0.44 - 99.90)$	10
		PostScript *5	PostScript I/O Mode	Normal
	L			normai

		Items		Factory Default
Virtual Printer	ascii_landscape	General	Channel Name	ascii landscape
			Emulation	PCL
			Protocol	3105
			Spooling	None
			LPD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
			Copies(1-999)	
				Enable
				Disable
			Dublex Big dia g	
			Binding Edge_to_Edge	Short Edge
			<u>Edge to Edge</u>	Disable
			Rotation Roverse Order	Disable
		PCL *4	Page Orientation	Landscape
			Page Length $(5 - 127)$	<u>Lanuscape</u> 45
			Line Termination	
			1	05
			Line Wrap	Uff
			Font-Source	Internal
			Fort-Symbol Set	23 DC_9
			Font-Height $(1 - 999.75)$	12
			Font-Pitch $(0.44 - 99.99)$	10
		PostScript *5	PostScript I/O Mode	Normal
	lp portrait	General	Channel Name	lp portrait
	··· · · · · · · ·		Emulation	PCL
			Protocol	3106
			Spooling	None
			LPD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
			Copies(1-999)	
				Enable
				Disable
			Duplex	Short Edge
			Edgo-to-Edgo	
			Rotation	Disable
			Reverse Order	Disable
		PCL *4	Page Orientation	Portrait
			Page Length (5 – 127)	60
			Line Termination	CR->CR; LF->LF:
				FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 - 999.75)	12
			Font-Pitch (0.44 - 99.99)	10
		PostScript *5	PostScript I/O Mode	Normal

		Items		Factory Default
Virtual Printer	lp_landscape	General	Channel Name	lp landscape
			Emulation	PCL
			Protocol	3107
			Spooling	None
			LPD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
				Enable
				Disable
			Dublex Dia dia a	
			Binding Edge_te_Edge	Dischla
			Edge-to-Edge	Disable
			Rolation Roverse Order	Disable
		PCL *4	Page Orientation	Landscape
		I GE 14	Page Length $(5 - 127)$	45
			line Termination	
			1	017
			Line wrap	UTT UTT
			Font-Source	internal 22
			Font-Number	<u> </u>
			Font-Symbol Set East-Height $(1 - 999.75)$	12
			Font-Pitch $(0.44 - 99.99)$	15
		PostScript *5	PostScript I/O Mode	Normal
	pdf	General	Channel Name	pdf
	P =.		Emulation	PDF
			Protocol	3109
			Spooling	None
			LPD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
				Disable
			Binding Educate Educ	Short Edge
			Edge-to-Edge	Disable
			Reverse Order	Disable
		PCI *4	Page Orientation	Portrait
			Page Length $(5 - 127)$	60
				CR->CR : LF->LF :
				FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			<u>Font-Height (4 - 999.75)</u>	12
			<u>Font-Pitch (0.44 - 99.99)</u>	10
		PostScript *5	PostScript I/O Mode	Normal

		Items		Factory Default
Virtual Printer	tiff	General	Channel Name	tiff
			Emulation	TIFF
			Protocol	3110
			Spooling	None
			LPD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
			Rotation	Disable
			Reverse Order	Disable
		PCL *4	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ;
				FF->FF
			Line Wran	Off
			Ent-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height (4 – 999 75)	12
			Font-Pitch $(0.44 - 99.99)$	10
		PostScript *5	PostScript I/O Mode	Normal
	nclxl	General	Channel Name	nclxl
	point	donordi	Emulation	PCLXL
			Protocol	3112
			Spooling	None
			LPD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
		1 0	Paper Size	Letter LEF
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
			Rotation	Disable
			Reverse Order	Disable
		PCL *4	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ;
				FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height $(4 - 99975)$	12
			Font-Pitch $(0.44 - 99.90)$	10
		PostScript *5	PostScript I/O Mode	Normal
	1			normai

Items			Factory Default	
Virtual Printer	PSAxxxxxx	General	Channel Name	PSAxxxxxx
			Emulation	PostScript
			Protocol	Apple Talk
			1100001	Type:LaserWriter
			Spooling	None
			I PD Banner Page	Disable
			Accounting Slip Sheet	Disable
		Paper Handling	Paper Source	Auto Select
			Paper Size	Letter LEE
				Plain
			Paper Color	Fiain White
			Paper Color	Auto Colort
			Paper Output	Auto Select
			Copies(1-999)	
			Collate	Enable
			Job Offset	Disable
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
			Rotation	Disable
			Reverse Order	Disable
		PCL *4	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ; FF->FF
			Line Wrap	Off
			Font-Source	Internal
			Font-Number	23
			Font-Symbol Set	PC-8
			Font-Height $(4 - 999.75)$	12
			Font-Ditch $(0.44 - 90.00)$	10
		PostSprint *5	PostSoript I/O Mode	Bow
			Channel Name	naw nat2file
	prizille	General		
			Emulation	AutoSelect
			Protocol	/101 Conture to file
			Spooling	Maximum File Size:20000
			I DD Ronney Dege	Dischlo
			LPD Dariner Page	Disable
		Descent the self sec	Accounting Slip Sneet	
		Paper Handling	Paper Source	Auto Select
			Paper Size	
			Paper Type	Plain
			Paper Color	White
			Paper Output	Auto Select
			Copies(1-999)	1
			Collate	Enable
			Job Offset	Disable
			Duplex	Disable
			Binding	Short Edge
			Edge-to-Edge	Disable
			Rotation	Disable
			Reverse Order	Disable
		PCL *4	Page Orientation	Portrait
			Page Length (5 - 127)	60
			Line Termination	CR->CR ; LF->LF ; FF->FF
			Line Wran	Off
			East-Source	Internal
				internal
				23
			Font-Symbol Set	PU-8
			<u>Font-Height $(4 - 999.75)$</u>	12
			<u> Font=Pitch (0.44 - 99.99)</u>	10
		PostScript *5	PostScript I/O Mode	Normal

Items					Factory Default	
Web:Manage -	Configuration Menu				•	
General	Customer Company Legal Name				(blank)	
		Phone Number			(blank)	
		Fax Number			(blank)	
		Street Address			(blank)	
		City, State/Re	gion. Zip/Postal	Code	(blank)	
		Country			(blank)	
	Printer	Name			EMP-156	
		Location			(blank)	
	Service Contact	Name			(blank)	
		Phone Number		(blank)		
		Fridie Number			(blank)	
		F-mail			(blank)	
	Accounting Information	Accounting Period Start Day of the Month			1	
Events	Non Paper Jam Error	Check Box		Disable		
Evenes	Jam Error Warning	Check Box			Disable	
		Times			3	
	Toner Low	Check Box			Disable	
	Accounting	Check Box			Disable	
Configuration	Misc	Country Code			1	
Comgulation	WII30	Energy Save T	ime		Enabled	
		Energy Save T	ime (15 – 230)		15	
		Auto Online			Enable	
		Auto Online		Cascade Priority	Lindble Lower to Upper	
		Output Oastat		Cascade on CS Open	Ston	
	Calendar	Time Zone			GMT	
	Calcillar	Time Server (Primary)			(blank)	
		Time Server (Secondary)			(blank)	
		Protocol			TIME	
		Synchronization Time			0	
		Set Manually			Enable	
		Use Davlight Saving			Disable	
		Start with			3 1 2	
		End with			10 1 2	
	Tray Manning	Default Mannin	a		100/200	
			106/206		0	
		10 0	107/207		0	
		ID 1	106/206		1	
		10 1	107/207		1	
		ID 2	106/206		4	
		10 2	107/207		4	
		ID 3	106/206		4	
		10 0	107/207		4	
		ID 4	106/206		5	
			107/207		5	
		ID 5	106/206		2	
		10 0	107/207		2	
		ID 6	106/206		4	
			107/207		4	
		ד סו	106/206		0	
		107	107/207		0	
		א חז	106/206		3	
		10 0	107/207		3	
		ID 9 - 69	106/206		0	
		10 0 00	107/207		0	
L			107/207		v	

Items			Factory Default		
Communication	TCP/IP(AUX)	SMTP Server Address	0.0.0.0		
		Host Name	(blank)		
		DNS Server Address	0.0.0.0		
		Domain Name	(blank)		
		HTTP Port	80		
		Boot Method	STATIC		
		Internet Printing Protocol (IPP)	Disable		
		Direct printing with TCP	Enable		
		LPR/LPD	Enable		
		FTP	Disable		
	Apple Talk	Apple Talk Enabled	Enabled		
		Apple Talk Zone	(blank)		
Web : Service – Configuration Menu					
Events	Preventive	Check Box	Disable		
	Maintenance Warning	enance Warning Percent			
	Preventive	Check Box	Disable		
	Maintenance				
	Engine Page Count	Check Box	Disable		
	Exceeds	KPages	200		
	Printer Logs	Check Box	Disable		
		KPages	200		
Dealer	Name	(blank)			
	Phone Number	(blank)			
	Fax Number	(blank)			
	Street Address	(blank)			
	City, State/Region, Zip	(blank)			
	Country	(blank)			
	E-Mail	(blank)			
	URL	(blank)			
Misc	PS Error Print	Disable			
	Job Partial Page Print	Disable			
	Edge-to-Edge Mode	Standard			