



Fujitsu Frontech NA
Sustaining Engineering
Foothill Ranch, CA

SUPPORT PLANNING GUIDE
U-Scan Genesis

SPG-07-001A
Issue: 2.0
April 12, 2010

Subject: U-Scan Genesis

SYNOPSIS

This document is intended to supply sufficient information to North American service planners to enable them to plan for the introduction of the above product(s).

This SPG is the generic version, released by the product authority, Fujitsu Frontech NA (FFNA), Sustaining Engineering. Each group releasing the product will use the information contained as the basis for their Logistics and Field Service planning activities.

This document details only the corporate philosophies, and does not seek to cover such subjects as additional services offered by Managed Services, third party service providers, low level repairs, or the local sourcing of components and consumable items.

The service descriptions in this document are guidelines, detailing the recommendations of the product authority. The information within this document has been reviewed for accuracy, but as with most documents, errors may be found and corrected in future revisions. Fujitsu Frontech NA (FFNA) cannot be held liable for any inaccurate information found in this document.

The Genesis U-Scan ® system was previously known by its project name, Cougar.

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0. DOCUMENT CONTROL

0.1. ISSUE LEVEL

0.2. CHANGES FROM PREVIOUS ISSUE

Changes from Issue 1.0 to 2.0:

- Inclusion of the TeamPoS® 3600 Controller throughout document as needed
- Parts list updates
- Name Change from FTXS to FFNA
- Update releases dates for Genesis options
- Added Datalogic 8500XT/XTS Scanner/Scales
- Removed information from Appendix D (Configurations) and refer to Product Configurator
- Added Ambient Temperature specifications
- Section reorganization to match SPG standards
- Other minor updates and corrections

0.3. TERMS AND ABBREVIATIONS

AFR	Annualized Failure Rate
CLD	Confidence Level Diagnostic Software
EMI	Electromagnetic Interference
ESD	Electrostatic Discharge
FDD	Floppy Disk Drive
FRU	Field Replaceable Units
FPY	Failures Per Year
HDD	Hard Disk Drive
MSR	Magnetic Strip Reader
MTBF	Mean Time Between Failures
MTTR	Mean Time To Repair
POH	Power On Hours
PSU	Power Supply Unit
SPG	Support Planning Guide
UPC	Universal Product Code (Bar Code)
VFD	Vacuum Florescent Display

0.4. REFERENCE DOCUMENTS

Product Announcement May 2, 2007

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1. OVERVIEW

The U-Scan Genesis is the newest product to be introduced into the U-Scan family. Its new design offers great advantages as well as state of the art technology.

The Genesis U-Scan system was previously known by its project name, Cougar.

1.1. TARGET MARKET

The U-Scan Genesis can be a great addition in any retail environment.

1.2. RELEASE SCHEDULE

Description	Release Date
Genesis SCO, Payment Station – Left Handed	June 2007
Genesis SCO, Payment Station – Right Handed	September 2007
Genesis Mini-Carousel (Reference SPG-08-001)	November 2008
Genesis Universal Bag Scale (Reference PSB-09-023C)	July 2009
Genesis Chassis V3, Universal Controller Mounts	January 2010
Genesis with TeamPoS 3600 Controller (Customer Validation Dependant)	April 2010
Genesis Chassis V4, Universal Base Cabinet	Target – May 2010
Genesis Bill & Coin Recycling (US & EURO only)	Target – July 2010

1.3. PRODUCT DESCRIPTION

The Genesis is the next generation of the U-Scan Self-Check-Out system. It is offered in several configurations including: 1,2, 4 bag, Carousel, Belted, or as a Payment Station. Reference Release Schedule above, or Configurator for details.

1.4. OPERATING SYSTEMS

Operating systems support includes:

Windows XP Embedded

Windows XP Professional

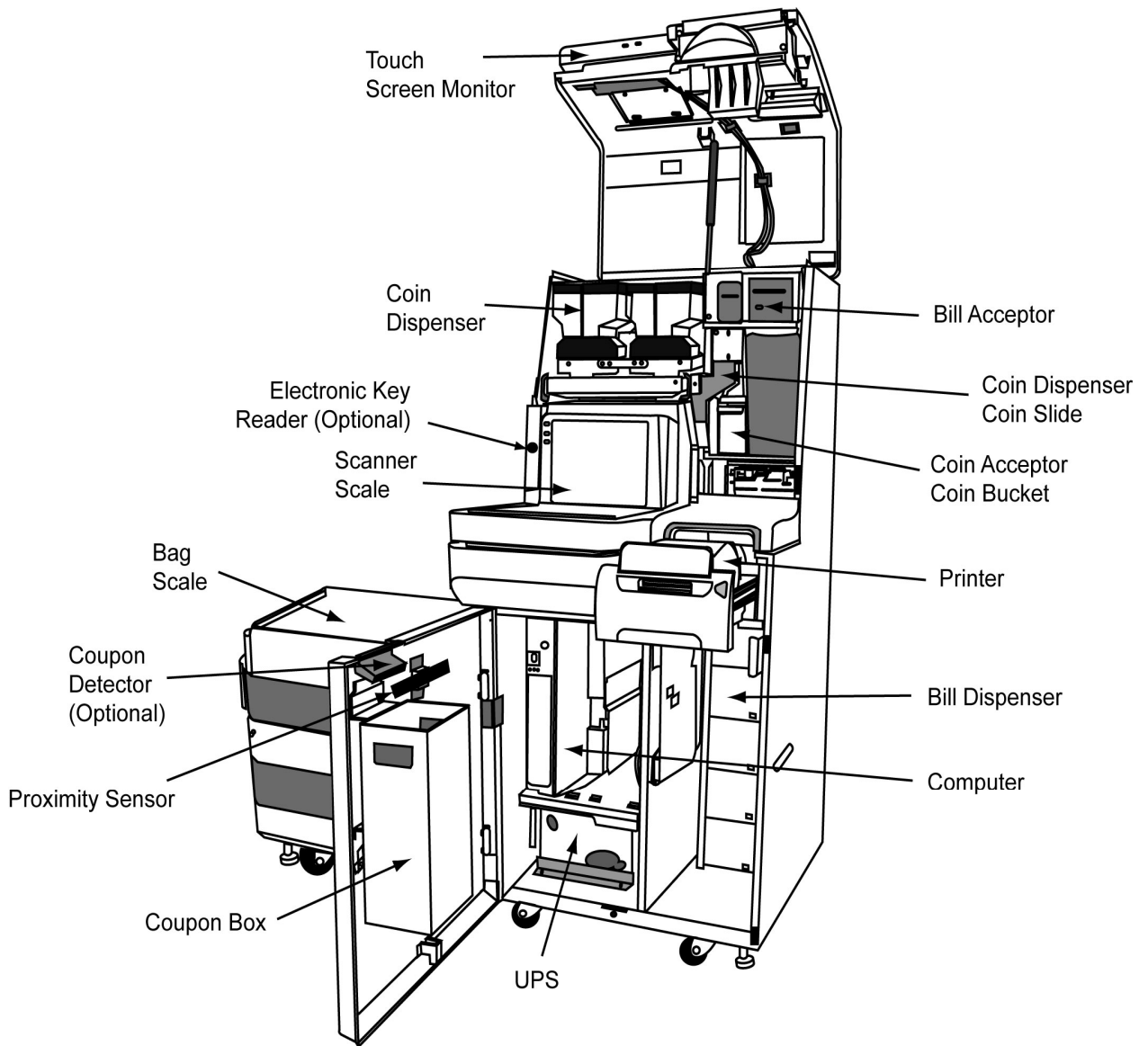
WEPOS

Future Windows (e.g. Windows 7) upon customer requirement

Support will include compliance with the Pre-boot Execution Environment, PXE 2.1 or later, or similar capability, to enable remote OS loading of newly installed machines.

1.5. HARDWARE

The Genesis is equipped with the following features:



1.5.1. OPTIONS

The Genesis has the following available options:

Module	Component	Standard / Optional							
			POS	Self Order Kiosk	Cash-less Kiosk	Self Scan w/oEFT	Self Scan w/EFT	Self Paymnt	SCO
A User I/F	CPU/Controller	Standard	√	√	√	√	√	√	√
	PSU	Standard	√	√	√	√	√	√	√
	LCD/Touch	Standard	√	√	√	√	√	√	√
	MSR	Optional	√	√	√			√	
	I/O Connection Box	Optional	√	√	√	√	√	√	√
	Small Image Scanner	Optional	√	√	√			√	
	Speaker/Mic	Standard	√	√	√	√	√	√	√
	Camera	Optional		√	√	√	√	√	√
Proximity Sensor	Standard	√	√	√	√	√	√	√	
B Scanner	Scanner/Scale	Optional				√	√		√
	Flatbed Scanner	Optional				√	√		√
	Vertical Scanner (Duet)	Optional				√	√		√
	RFID Reader	Optional				√	√		√
	Tag De-Activator (EAS)	Optional	√			√	√		√
C E-Payment	EFT	Optional	√	√	√		√	√	√
	Card Reader	Optional	√	√	√		√	√	√
	MSR	Optional	√	√	√		√	√	√
	e-Cash (Eddy)	Optional							
D Cash Payment	Coin Acceptor	Optional		√				√	√
	Coin Dispenser	Optional		√				√	√
	Bill Acceptor	Optional		√				√	√
	Bill Dispenser	Optional		√				√	√
	Coin Recycler	Optional		√				√	√
	Bill Recycler	Optional		√				√	√
	Coupon Detector	Optional		√				√	√
E Bag Scale	1-Bagger	Optional				√	√		√
	2-Bagger	Optional				√	√		√
	4-Bagger	Optional				√	√		√
F Printer	Single Station	Optional	√	√	√	√	√	√	
	Hybrid	Optional	√					√	
G Shelf	Cust Assist Shelf	Optional		√	√	√	√	√	√
H UPS	UPS	Optional	√	√	√	√	√	√	√

1.6. SPECIFICATIONS

1.6.1. DIMENSIONS

Height	1.34 m	52.75 in
Width	60 cm	23.62 in
Depth	65 cm	25.59 in
Weight	453.59 kg	1000 lbs

1.6.2. POWER

Before installing the Genesis system, verify that your electrical service matches the U-Scan system's requirements.

REGION	REQUIREMENTS
North America	One dedicated 110-volt, 20 amp AC electrical circuit with a minimum of one outlet.
Europe, United Kingdom, and Australia	One dedicated 220-volt, 10 amp AC electrical circuit with a minimum of one outlet.

These requirements are for your U-Scan system only and do not take into account any extra electrical devices such as overhead lighting or marketing system printers. These devices should be connected on different outlets than those used for the U-Scan system. Do NOT connect these devices to the U-Scan power bars or UPS

CAUTION:

Safe operation of your U-Scan system requires properly grounded electrical outlets. You must have a qualified electrician certify the earth-ground connection on the AC circuits used to power your system.

Input Ratings

REGION	VOLTAGE	FREQUENCY	CURRENT (RMS)
North America	100 - 130 VAC	60 HZ +5%	20 Amps @ 110V
Europe, United Kingdom, and Australia	220 VAC	50 HZ +/-5%	10 Amps @ 220V

1.6.3. SAFETY & REGULATORY

- All units are FCC and CSA approved
- CE and CB approval coming in the near future

This product is RoHS compliant. Any part that is replaced or used during the service of this product must be replaced with the same RoHS compliant component. This includes all sub-assemblies and component parts (screws, washers, metal parts, cables, etc). Any Repair Center or service operation cannot impact the RoHS (or other regulatory) compliance.

1.6.4. AMBIENT TEMPERATURE

The Genesis U-Scan has been validate to perform to approved standards up to the following Ambient Temperature. This is open air temperature surrounding the Genesis unit. Operation above these temperatures may cause improper operation and may eventually cause hardware failures.

- TeamPoS 3000 Controller, without UPS 40°C
- TeamPoS 3000 Controller with UPS 35°C
- TeamPoS 3600 Controller, without UPS 40°C
- TeamPoS 3600 Controller, with UPS 35°C

1.6.5. RELIABILITY

The reliability data below is based on Engineering/Supplier data and assumes the unit/system is Installed, Maintained, Operated, and Preventive Maintenance performed as recommended.

Devices	Manufacturer	Model	MTBF
Controller	Fujitsu	TeamPoS 3000 XL	20,000 Hrs (Est. depending on config)
	Fujitsu	TeamPoS 3600	20,000 Hrs (Est. depending on config)
	Fujitsu	I/O Port Expander (TP3600)	204,422 Hrs
	Fujitsu	Chassis PSU	100,000 Hrs
Scanner Scales	Datalogic	Magellan 8500 (EOL)	80,000 Hrs
	Datalogic	Magellan 9500 (EOL)	80,000 Hrs
	Datalogic	Magellan 8500XT/XTS	80,000 Hrs
	NCR	7875	30,000 Hrs
	NCR	7876	30,000 Hrs
Printers	Axiohm	A794	276,00 Hrs
	Citizen	CT10	360,000 Hrs
	IBM	TM6	500,000 Hrs
	Epson	TM-H6000III	360,000 Hrs
Coin Acceptors	MicroCoin	QL3	2,000,000 Coins
Coin Dispensers	Telequip	T-FLEX	385,400 Hrs
	Telequip	Coin Xpress, 4 Hopper	48,000 Hrs (200,000 Transactions)
	Telequip	Coin Xpress, 6 Hopper	26,700 Hrs (111,111 Transactions)
Bill Acceptors	CashCode	SM	750,000 Cycles (30,000Hrs @ 600 Bills/Day)
	CashCode	MSM	750,000 Cycles (30,000Hrs @ 600 Bills/Day)
Bill Dispenser	Fujitsu	F53	1,520,833 Bills
	Fujitsu	2 Denomination Add On	2,083,333 Bills
	Fujitsu	Cash Cassette	400,000 Bills
UPS	PowerVar	600VA UPS	100,000 Hrs
	PowerVar	UPS Battery	2 Years
	PowerVar	500VA Conditioner	100,000 Hrs
Signature Capture/EFT	Verifone	Omni 7000	435,000 Hrs
	Ingenico	e-crypt 1200	17,500 Hrs
	Hypercom	LF4100	100,000 Hrs
	Hypercom	ICE 6xxx Series	70,000 Hrs
	Topaz		500,000 Hrs (100,000 Signatures)
	Symbol	@POS Signature Capture	TBD
Camera	Digi	USB Camera	TBD
Coupon Sensor	Fujitsu		50,000 Hrs
Alarm Board	Fujitsu		1,315,599 Hrs
Proximity Sensor	Fujitsu		50,000 Hrs
Bag Scales	RL Scales	R1930	70,000 Hrs
Lane Light	Patlite		TBD
Audio	Misco	Speakers	TBD
	Fujitsu	Amplifier	100,000 Hrs
Displays	Fujitsu	D25 LCD Display	50,000 Hrs

1.6.6. LIFE EXPECTANCY

The life expectancy of the Genesis is five (5) years.

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2. RESOURCES

The following sections list support, training, documentation, spares, repairs, and diagnostics available.

2.1. SKILLS REQUIRED

Customer Service Representative:

A good working knowledge of Intel-based PC components, POS peripherals, I/O card installation and supported operating systems is required. Prior experience and knowledge of POS terminals and their associated peripherals, Confidence Level Diagnostics (CLD), and commercial off-the-shelf PC diagnostics is assumed.

Consultant/Project Manager:

Good working knowledge of PCs, supported operating systems, and specific application experience is assumed.

Repair Center Technician:

An in-depth understanding of Intel-based PC components, POS peripherals, I/O cards, and supported operating systems is required. Knowledge of Confidence Level Diagnostics (CLD) and commercial off-the-shelf PC diagnostics is assumed.

Experience with troubleshooting multilayer PWAs, including surface mount technology (SMT) is required.

2.2. TRAINING

Field Service training is under the discretion of each specific business unit. Sustaining Engineering will provide 'train the trainer' operations. The schedule and funding for training will be established on an individual case by case basis. All requests for training by Sustaining Engineering should be forwarded to the Sustaining Mailbox (reference the cover page).

Sustaining Engineering estimates that the Technical Publications listed are adequate for this product and additional training will not be necessary for Field Service personnel currently trained on similar Fujitsu products. The Genesis should be included in any future standard training provided to Fujitsu Field Service personnel.

2.2.1. FIELD TRAINING

Genesis training will be conducted the same way training is provided on all other products. Classes will be scheduled (on an as needed basis) in which FE's will be trained on the Genesis system.

There will also be training machines installed in soon to be opened East Coast Training Facility (Hartford Ct) and Frisco, TX that will serve as training facilities to FE's.

2.3. TECHNICAL PUBLICATIONS

Doc #	Revision	Description	Notes
D900000310	v7	Genesis Site Preparation and Installation Guide	Target release March 2010
D900000312	v1.2	Mini Carousel Assembly Manual	
D900000352	v1.1	Universal Bag Scales Assembly Manual	
D900000393	v1	Genesis Belted Unit Installation Manual	
D900000394	v1	Genesis Belted Unit Maintenance Manual	

The following manual do not yet have TeamPoS 3600 information incorporated and a target date is not yet available. Included here for reference purposes.

Doc #	Revision	Description	Notes
D900000309	v3	Genesis Hardware Manual	TP3600 not yet added
D900000308	v5	Genesis System Description and Service Guide	TP3600 not yet added
D900000311	v6.1	Genesis Assembly Manual	TP3600 not yet added

2.4. SPARES

The Genesis is a Fujitsu product and will follow standard spares lead times. It is assumed that organizations will spare the Genesis at the FRU level. Some customers/organizations however, may choose to spare the major assembly level with the lower level repair performed at a central repair center or depot. The spares list takes both of these methods into consideration. Spares will be stocked at the North America Logistics Center (Frisco, USA24) and whole units should be returned on a RMA to the Logistics Center.

This product is RoHS compliant. Any part that is replaced or used during the service of this product must be replaced with the same RoHS compliant component. This includes all sub-assemblies and component parts (screws, washers, metal parts, cables, etc). Any Repair Center or service operation cannot impact the RoHS (or other regulatory) compliance.

Refer to the Installation and Maintenance Manual and Appendix E for spare part information.

2.5. REPAIR

North America Logistics Center (Frisco) offers repair services for the items they consider to be repairable. The OEM vendor also offers repair services that may be contracted by one of these repair centers or other organizations.

Logistics and Field Service organizations should utilize their own services to provide a test of units being returned from the field before shipment to repair centers as history has shown that not all units being returned from the field are actually faulty.

If faulty, logistics organizations may elect to have the repair done down to a component level replacement if parts and resources permit. However, this would be a local decision.

This product is RoHS compliant. Any part that is replaced or used during the service of this product must be replaced with the same RoHS compliant component. This includes all sub-assemblies and component parts (screws, washers, metal parts, cables, etc). Any Repair Center or service operation cannot impact the RoHS (or other regulatory) compliance.

2.5.1. FIELD REPAIR TIME

The following are time estimates for removing and replacing major assemblies on site. These time estimates do not include the time to diagnose the problem, gain clear access to the Genesis System, Reboot, or perform any software reloading to return the unit to full customer functionality. It is assumed that this service is performed by a qualified and trained FE.

Description	Replacement Time (min)
Scanner Scales	8
Controller	15
Printers	10
Coin Acceptors	15
Coin Dispensers	15
Bill Acceptors	15
Bill Dispenser	20
UPS	10
Signature Capture/EFT	5
Cameras	10
Coupon Sensor	10
Alarm Board	15
Proximity Sensor	10
Bag Scale	20
Speaker/Amplifier	10
Displays	15

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2.6. TOOLS

- A standard repair kit can be used to service the Genesis system
- Device tester diagnostics can also be used through U-Scan software
- Device specific tools/diagnostics will be covered within documentation of that particular device.

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3. SERVICE PROFILES

3.1. PREVENTATIVE MAINTENANCE

Preventive Maintenance (PM) is a critical factor in keeping any system operating within its designed parameters and at peak efficiency, with minimal service calls. Appendix B contains a list of recommended PM activities and schedules. This list is broken down to the Device Level, so any specific installation should include all appropriate devices. Refer to the specific Service and Maintenance Manuals for details of performing the specific outlined tasks.

The recommended PM Schedule below is for ‘Typical’ retail installations. Depending upon specific Contract, Environmental, and Usage Profiles some customers or sites may require more or less frequent Preventive Maintenance schedules. It is also ‘assumed’ that the person performing the PM is fully trained on the details of service and support of the specific device/equipment in question.

In addition to the items identified, the various levels of Firmware and Software Driver levels should be verified. If found to be down-level, this should be noted. However, since many customers require internal validation and approval of any updates, other than noting the down-level object and notifying the customer and Managed Services management no further specific actions should be taken unless specifically called out for a customer or site.

Also included for each device is an estimated time to complete the PM for that device. This time estimate is only for performing the specified tasks and does not include items such as: gaining access to the system, performing repairs when found, atypical installation or mounting, etc.

Items highlighted in *red Italic* are also considered Safety issues. Safety being to the Site, Personnel, or other Equipment and should be specifically addressed even if standard Preventive Maintenance is not contracted for a specific customer.

3.2. CORRECTIVE MAINTENANCE

In the event of a failure the customer should be expected to confirm the malfunction by carrying out his or her own internal problem resolution procedures. If their procedures are unable to resolve the problem, they should contact their local Field Service/Support organization.

Field Service/Support organizations should provide a support desk facility whereby customers can telephone for advice before logging a service request. If telephone assistance is unable to resolve the problem, the local Field Service/Support organization should send a representative to assist, unless the RFR option/maintenance agreement was selected. Field Service/Support should affect on-site repairs to the FRU level recommended by their Field Service/Logistics management.

3.3. ESCALATION PROCEDURES

The escalation of product error reports or requests for assistance should take place in the following order. While some of these steps may be in the same organization, they are listed as individual steps to illustrate the ‘functional’ process flow.

Customer’s Internal Service

First Line Support Service (Help Desk)

Field Service Organization

Field or Local Technical Support (FTS)

National Technical Support (NTS)

Sustaining Engineering

Development/Supplier Engineering – with Mgmt Escalation

Product reports raised on supported products or general inquiries should be sent to the Sustaining mailbox (reference the cover page).

4. APPENDIX A: FAILURE PER YEAR WORKSHEET

The following are specific variables that need to be determined for your specific customer configuration when calculating Failures Per Year (FPY).

Description	Variables
Avg. Power On Hours per Year (8736 max)	(A) _____
Avg. 'Green Mode' Power On Hours per Year	(B) _____
Avg. Transactions per Trading Hour	(C) _____
Avg. Trading Hours per day	(D) _____
Avg. Trading Days per Week	(E) _____
Avg. Keystrokes per Transaction	(F) _____
Avg. Keylock Cycles per Transaction	(G) _____
Avg. MSR Usage's per Transaction (1 out of 3=.33)	(H) _____
Avg. Print Lines per Transaction	(I) _____
Avg. Cash Drawer Openings per Transaction	(J) _____
Avg. Transaction per Terminal Year (C*D*E*52wks)	(K) _____

Units Affected by Power On Hours:

Device	Power On Hours	/ MTBF Hours	=	FPY
*	(A) _____	/	*	= _____
*	(A) _____	/	*	= _____
*	(A) _____	/	*	= _____
*	(A) _____	/	*	= _____
*	(A) _____	/	*	= _____
Power On Total				_____

Units Affected by Green Mode Operational Hours:

Device	Power On Hours	/ MTBF Hours	=	FPY
*	(B) _____	/	*	= _____
*	(B) _____	/	*	= _____
*	(B) _____	/	*	= _____
*	(B) _____	/	*	= _____
*	(B) _____	/	*	= _____
Green Mode Total				_____

Units Affected by Mechanical Usage:

Keyboard:	(F) x (K) / *	=	_____	
Keylock:	(G) x (K) / *	=	_____	
MSR:	(H) x (K) / *	=	_____	
Printer:	(I) x (K) / *	=	_____	
Cash Drawer:	(J) x (K) / *	=	_____	
Mechanical Total				_____

Total for your customer configuration (per lane):

Power On Total	_____
Green Mode Total	_____
Mechanical Total	_____
Total FPY Per Lane	_____

Note: This total does not include failures resulting from use of consumables (batteries, print heads, etc.), cables, software/firmware based problems, no-fault-founds, or resulting from use not considered standard for this type of equipment.

5. APPENDIX B: PREVENTIVE MAINTENANCE SCHEDULE

Systems and Controllers

U-Scan	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Attendant Chassis Est.: 9 min	Verify secured and properly leveled	X		X	X
	Check Drawer and Door lock functionality	X		X	X
	Inspect the Cables	X		X	X
Robot Chassis Est.: 8 min	<i>Clean Fans & Filters (replace if required)</i>	X		X	X
	<i>Check Lane Light Cables and operation</i>	X		X	X

Devices and Peripherals

Printers	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 10 min 13 min w/MICR	Clean, vacuum/blow out transport areas	X		X	
	Clean the platen & print head	X		X	
	Verify MICR calibration	X		X	
	Inspect the ribbon	X		X	
	Check the print quality (diagnostic or self test)	X		X	
	Inspect the Cables	X		X	

Monitors	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 5 min	Clean the screen	X		X	
	Check the monitor settings	X		X	
	Test the Touch Screen (calibrate if required)	X		X	
	Inspect the Cables	X		X	

MSR	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 1 min	Using a cleaning card (FFNA P/N 7737171)	X		X	
	Test MSR	X		X	
	Inspect the Cables	X		X	

Mouse	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: <1 min	Test for operation			X	
	Inspect the Cables			X	

Keyboard	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 2 min	Test for operation			X	
	Clean with compressed air			X	
	Clean Touch Pad/Track Ball (if applicable)			X	
	Inspect the Cables			X	

Scanners	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Handheld & Presentation Est.: 3 min	Inspect the Cable for damage (especially at the scanner end)	X		X	
	Clean scanner and the scan window	X		X	
	Test the scanner	X		X	
Scanner Scales Est.: 10 min 15 min if Cal required	Clean the vertical housing cover, vertical glass, and horizontal glass	X		X	
	Remove the platter and remove any debris from the scanner scale cavity	X		X	
	Check the scale weighing accuracy (calibrate if required)	X		X	
	Test the scanner for throughput performance	X		X	
	Verify Remote Display function (if applicable)	X		X	
	Inspect the Cables	X		X	
	U-Serv Scanner Est.: 3 min	Clean the protective lens	X		X
	Test the scanner	X		X	
	Inspect the Cables	X		X	

UPS	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 4 min	<i>Clean & inspect Batteries and Battery connections</i>	X		X	
	<i>Clean Fan/Vents using compressed air</i>	X		X	
	Test for proper operation	X		X	
	Inspect the Cables	X		X	

Coin Acceptors	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 7 min	Inspect the Coin Acceptor	X		X	
	Inspect the Cables	X		X	
	Inspect the SEM	X		X	
	Clean with compressed air	X		X	
	Test the Coin Acceptor	X		X	

Coin Dispenser	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 6 min	Inspect the Coin Tray	X		X	
	Clean with compressed air	X		X	
	Inspect the Cables	X		X	
	Test the Coin Dispenser	X		X	

Bill Acceptors	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 7 min	Clean the Sensor Array	X		X	
	Inspect the Vault	X		X	
	Inspect the Cables	X		X	
	Test the Bill Acceptor	X		X	

Bill Dispensers	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
F53	Check Belts & Gears for tension and wear	X	X		
Est.: 17 min	Check Cassette Rollers and Gears for wear	X	X		
	Check Cassette Magnet retainers	X	X		
	Test the Bill Dispenser	X	X		
	Clean with compressed air	X	X		
	Inspect the Cables	X	X		

Video Cameras	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 2 min	Clean the Video Camera and lens	X		X	
	Adjust the focus (if applicable)	X		X	
	Verify the USB camera image quality	X		X	
	Inspect the Cables	X		X	

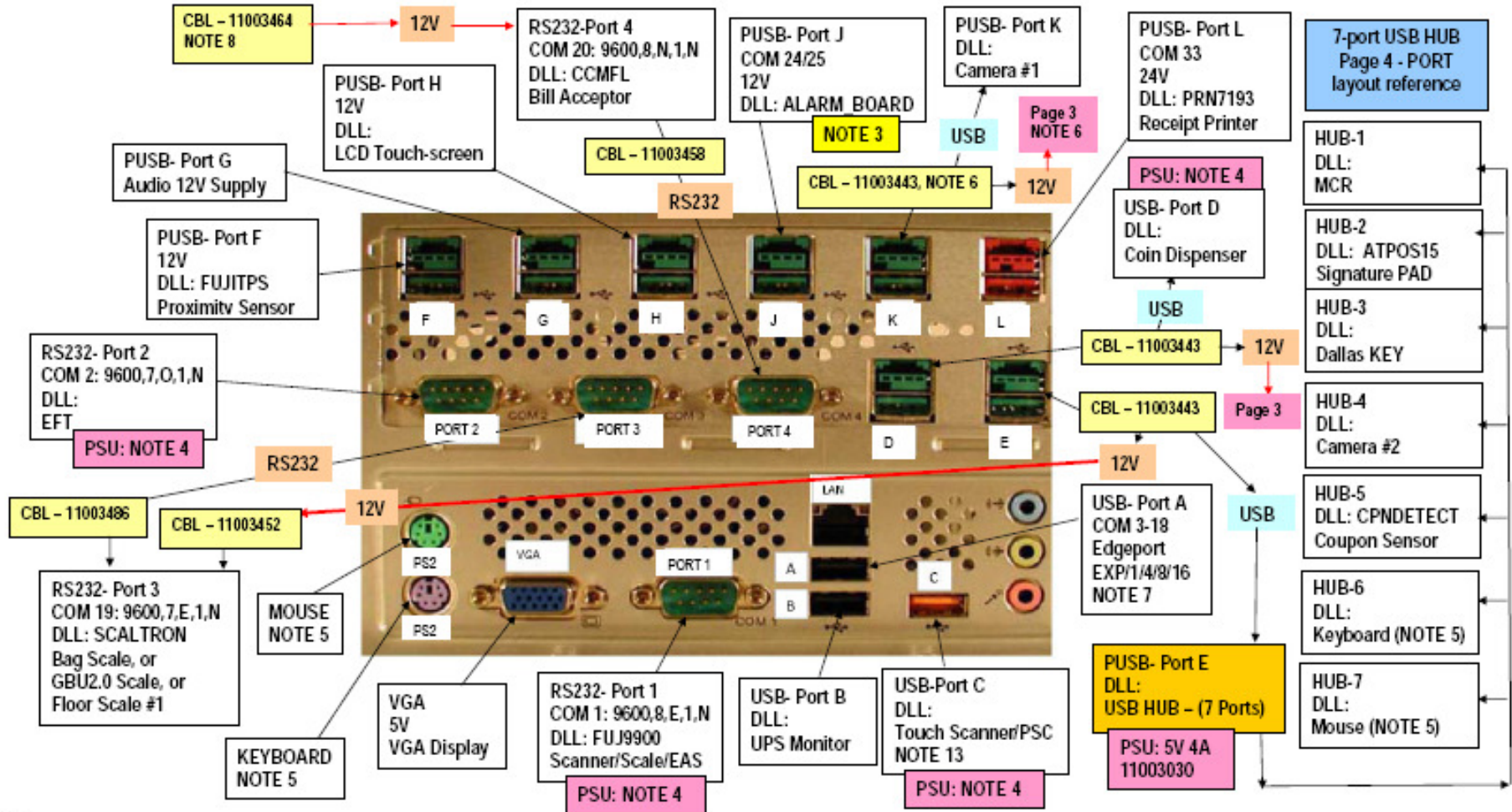
Speaker Amplifier	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 1 min	Test the Volume	X		X	
	Inspect the Cables	X		X	

Bag & Belt Scales	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 9 min	Clean the Bag/Belt Scale	X	X		
	Verify weighing accuracy (calibrate if required)	X	X		
	Test the Scale	X	X		
	Inspect the Cables	X	X		

Belt Assy	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 25 min	Clean Belts, Rollers and Debris Trays	X	X		
	Lube Belt Rollers and Motors as required	X	X		
	Verify Transfer Bar alignment	X	X		
	Verify Light Curtain alignment	X	X		

Modem, USB Hub, Network Hub, EdgePort	Preventive Maintenance Task	Service Call	Quarterly	6 Months	Yearly
Est.: 5 min	Test the device	X			X
	Inspect the Cables	X			X

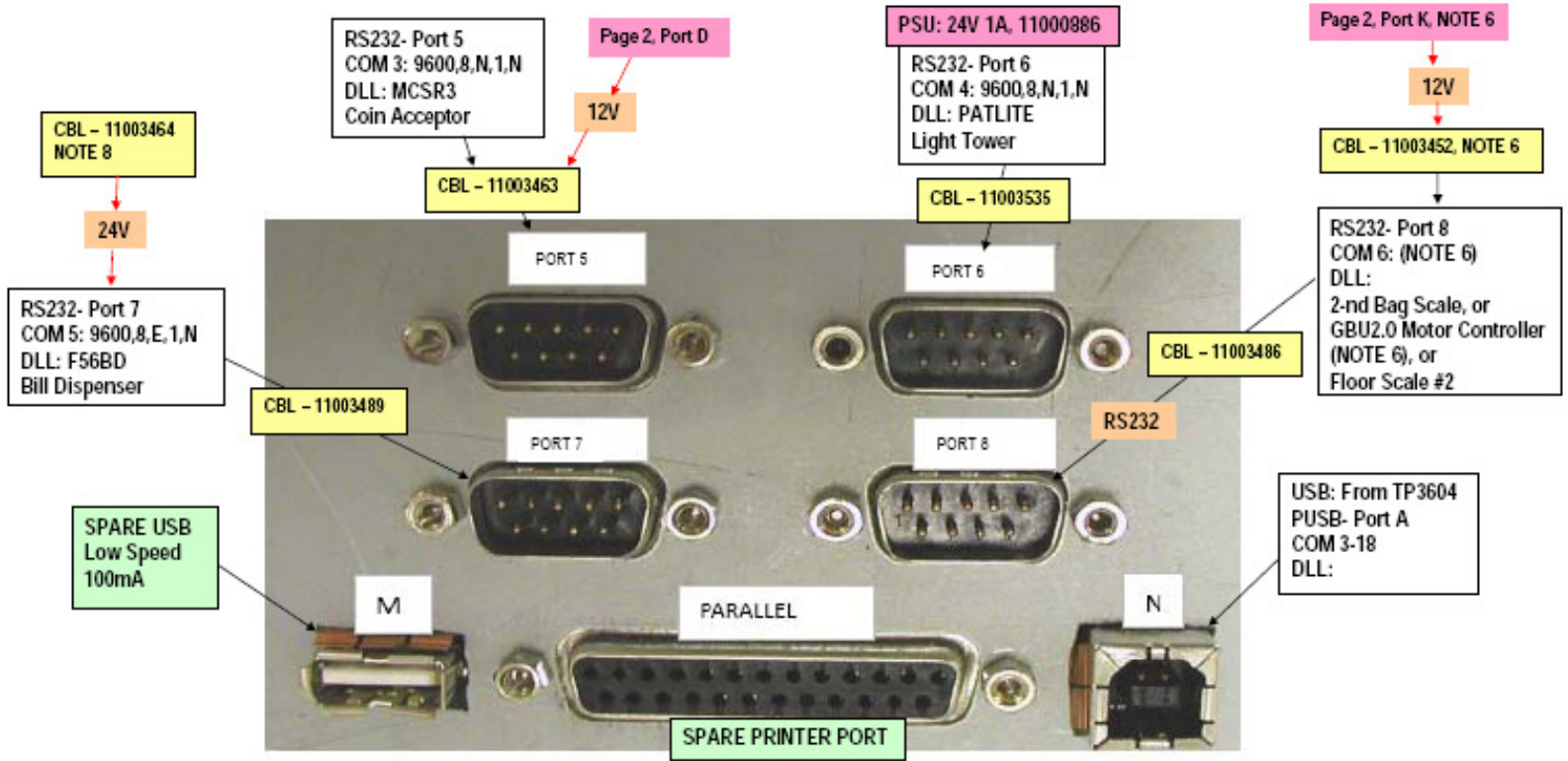
TeamPoS 3600 Connections



NOTES:

1. This diagram reflects the latest connections of various Devices to respective ports of the TP3600 computer. For more details – refer to Table 1 "Device Interface", Pages 6-8.
2. Port configuration, including DLL file listed for a specific Device - may change, depending on the Device manufacturer and/or type of Device connected.
3. Custom in-house design cables for some Devices are referenced, as applicable. For interfacing details of the Alarm Board – refer to Figure 2, Page 4.
4. Power supply units (PSU) – are shown for reference. Customer provided PSU, including cables - should be properly rated depending on device selected.
5. For permanent mount – PS2 type Mouse and Keyboard are recommended. In respect to connecting a USB Mouse: TP3600 "Front panel USB Port" - default, "HUB-7" – optional.

TeamPoS 3600 Port Expander Connections



Edgeport FUJITSU-custom EXPANSION Module (11002516, NOTE 7)

NOTES (continued from Page 2):

6. The Port 8 COM6 should be configured depending on the device connected, i.e. for Scales products - 9600,7,E,1,N, and for GBU2.0 Controller - 9600,8,N,1,N. The Scales products are powered by 12V provided by TP3600 "USB- Port K" via cable 11003443 (Page 2) and cable 11003452, as shown above. GBU2.0 Motor Controller comes with its own 24VDC power supply, i.e. when GBU2.0 is installed – Camera #1 (Page 2) should be connected directly to TP3600 "USB- Port K" via USB A-B cable 11000145 (cables 1003443 and 11003452 are not used), and the GBU2.0 Motor Controller RS232 serial port should be connected to TP3600 "RS232- PORT 8" via EXPANSION Module and cable 11003486, as shown.
7. As needed, per customer-specific configuration, Edgeport 1/4/8/16 could be used in-place of EXPANSION Module.
8. Refer to Figure 3, Page 5 for details in respect to connections of the 2-nd power supply 11000168, F53 Bill Dispenser, Bill Acceptor MSM, Bill Acceptor MFL.

USB Hub and Alarm Board Connections



Figure 1. USB HUB (11001403) Port Layout (NOTE 9)

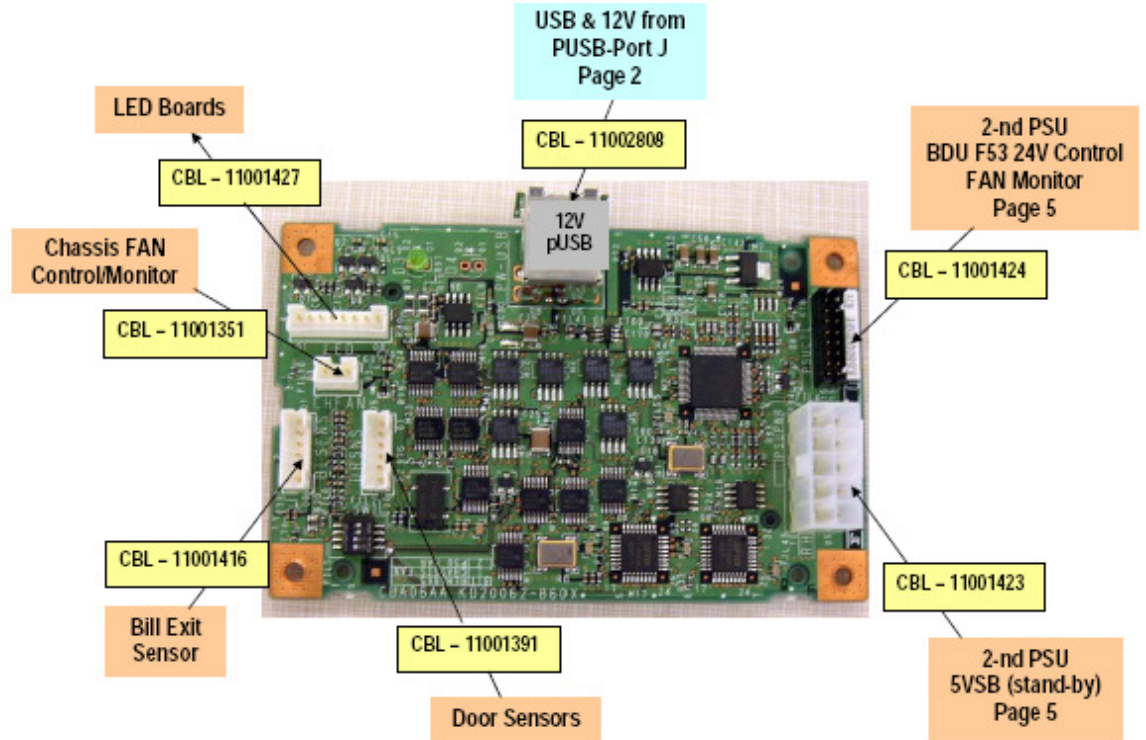


Figure 2. Alarm Board (11001422) Interface Detail (NOTE 10)

NOTES (continued from Page 3):

- 9. Refer to Page 2 for USB-HUB port assignment.
- 10. Refer to respective BOM's for details in respect to Alarm Board interface to various Sensors, LED's, etc.

Power Supply Connections

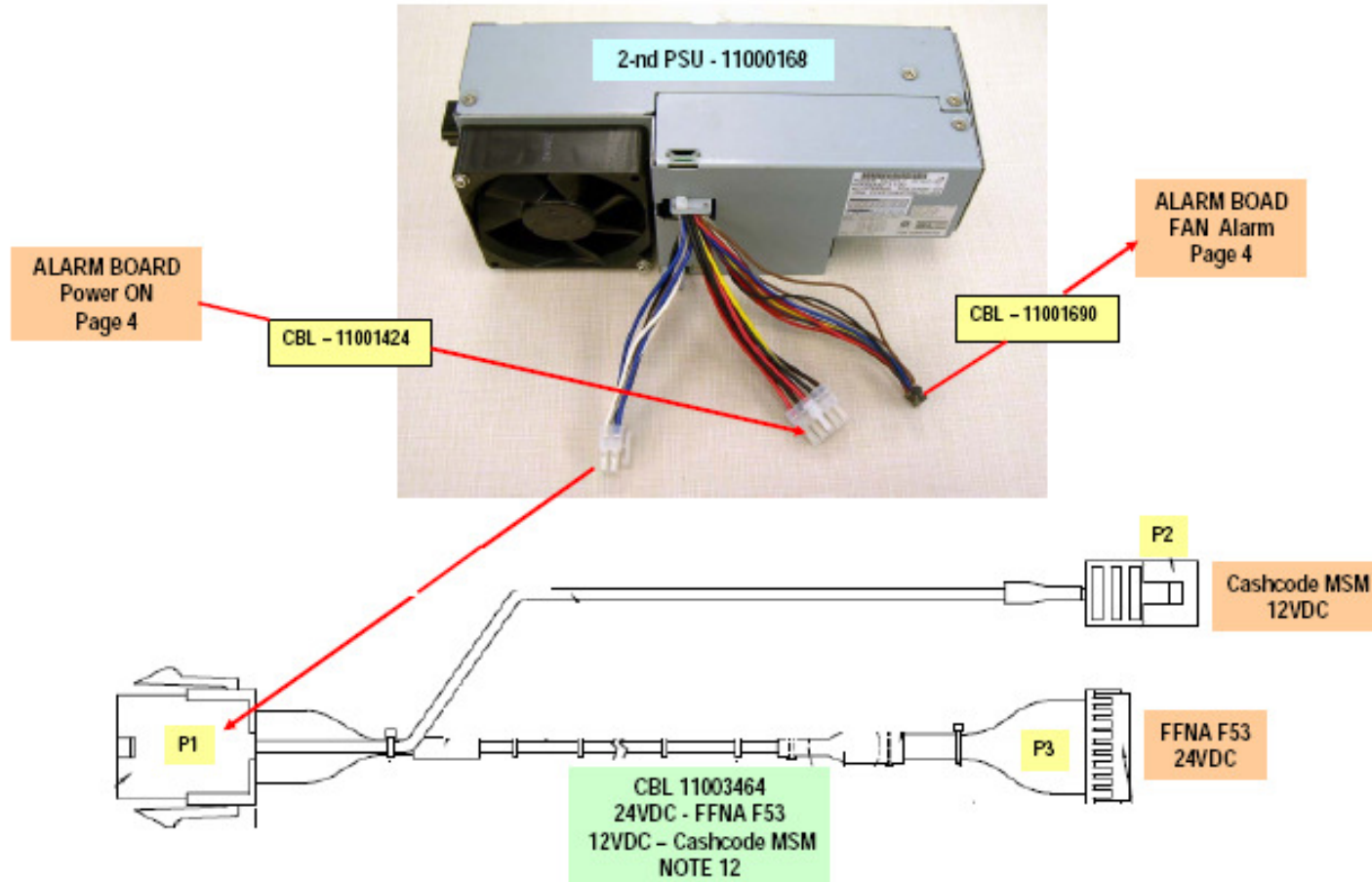


Figure 3. 2-nd PSU (11000168) Interface Detail

NOTES (continued from Page 4):

- 11. Refer to 2-nd PSU 11000168 Specifications for details in respect to power ratings, etc.
- 12. For Cashcode MFL, in-place of 11003464 - use cable 11003530 to provide → 24VDC for FFNA F53 (11003530, P3); → 12VDC for MFL via (11003530, P2) and cable 11003529.
- 13. Optional USB-type "Touch Scanner" could be connected to TP3600 "USB Port C", as shown on Page 2

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7. APPENDIX D: ORDERABLE CONFIGURATIONS

This section deleted in issues 2.0 of this document. Refer to the Product Price Book for the latest information.

8. APPENDIX E: PARTS LIST

These part lists are provided as a reference and planning purposes only. The FFNA PDM and Baan Systems are the final authority on part numbers and availability.

Many of the spare parts for the various Genesis models are the same. The following parts list includes both FRU and Whole Unit Assembly levels. Crossed out parts are withdrawn or obsolete, included for reference only.

This product is RoHS compliant. Any part that is replaced or used during the service of this product must be replaced with the same RoHS compliant component. This includes all sub-assemblies and component parts (screws, washers, metal parts, cables, etc). Any Repair Center or service operation cannot impact the RoHS (or other regulatory) compliance.

Description	Vendor P/N	FFNA	Comments
CONTROLLERS			
TeamPoS 3000 Controller (Robot)	N/A	AM123100W3100ZR	
TeamPoS 3000 Controller (Attendant Station)	N/A	AM123100W3100ZR	
TeamPoS 3000 Power Supply	KD02906-1100	11000168	
Fan, Chassis w/PSU Alarm Cable, 1.0M	KD70007-0837	11001351	
Gel Bushing, Tech Trading	GC6	11001473	
Keyboard, PS2, 104K, US	KT300U2	11000973	
Mouse, USB	2MOUSEU2L	11000970	
Power Harness (when dual controllers)	TBD	TBD	
Cable, P-USB Y-Type, 3.2M		11003443	TP3600 In Genesis
TeamPoS 3600		Customer Dependant	TP3600 In Genesis
Module, I/O Expansion, 4x RS232, 1 Parallel, 1 USB, USB I/F		11002516	TP3600 In Genesis
PWA, USB to Serial I/F		11002518	
Bracket, Front, POS I/O Expansion Box		11003371	
Bracket, Back, POS I/O Expansion Box		11003372	
Screw, Pan Head, Phillips, SEMS, M3x0.5x6mm		11000595	
Gasket, EMI Shield, I/O Box, Betal Fabric		11003431	
Jackscrew, 4-40, 4.75mm Hex		11002943	
DISPLAYS			
D25 15" LCD Display, IR Touch	KD03207-B471	11000746	
Cable, P-USB, 3.0M	11002807	11002807	
Cable, VGA, M/M, 3.0M	11001758	11001758	
Dispersed Stand, D25, For Attendant Station	11000074	11000074	
Bracket, LCD Control Blocking		11002595-*	
Cable, Ground, 900mm		11003565	
SCANNERS			
Datalogic 9504, Dual Antenna, RS232, 25P I/F, No Scale, No Display, US	95501040012-0102AR	11002291	EOL
Datalogic 9504, Dual Antenna, RS232, 25P I/F, Scale, No Display, US	95408040102-0302DR	11002292	EOL
Datalogic 9504, Dual Antenna, RS232, 25P I/F, Scale, Display, Canada	95402040112-0302AR	11002390	EOL
Datalogic 9504, Dual Antenna, RS232, 25P I/F, Scale, Display, Europe	95402040213-0302AR	11002391	EOL
Datalogic 9504, Dual Antenna, RS232, 25P I/F, Scale, No Display, Europe	95408040203-0302AR	11002392	EOL
Datalogic 8500XTS, Dual Antenna, RS232, Scale, Display, KG, Canada	868002201-1223010R	11003560	
Datalogic 8500XTS, Dual Antenna, RS232, Scale, Display, KG, Europe	868002202-0533010R	11003561	
Datalogic 8500XT, Dual Antenna, RS232, Scale, Display, LB, US	868001201-0123020R	11003556	
Datalogic 1000i Scanner (with Power & USB I/F Cable)	MG1003041-002-411R	11001390	EOL
Datalogic 1100i Scanner (with Power & USB I/F Cable)	MG113041-02-4110	11003562	
Cable, AC Power, SJT 18AWG, IEC-60320-C14 to C13, 2.5m		11002435	PSC85xx/95xx
Cable, 9P Serial, 15feet	8-0730-04	11001389	PSC85xx/95xx
Cable Adapter, DB9F-DB25M, 500mm		11000404	PSC85xx/95xx
Sht Mtl Kit, Datalogic 8502/NCR 7875 Scanner/Scale, Brackets	N/A	11001211S	
Sht Mtl Kit, Datalogic 8502/NCR 7875 Scanner/Scale, Brackets, Filler Plate	N/A	11001211S2	
Sht Mtl Kit, Datalogic 8502 Scanner/Scale, Brackets and Filler Plate	N/A	11001211S3	
Sht Mtl Kit, NCR 7875/7876/7878 Scanner/Scale, Mounting Brackets	N/A	11001211S4	
Sht Mtl Kit, Datalogic 8500XT/XTS, Mounting Brackets, Scanner/Scale	N/A	11001211S5	
Sht Mtl Kit, PSC 9504 Scanner/Scale, Bracket	N/A	11001212S	
Sht Mtl Kit, PSC 9504 Scanner/Scale, Bracket and Filler Plate	N/A	11001212S2	

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Description	Vendor P/N	FFNA	Comments
Bracket, Remote Pole Display, Datalogic 85xx/95xx, Top Cover Mounted	N/A	11002385-*	
Table Assy, Scanner, Datalogic 8502/9504/8500XT/XTS, Left	N/A	11003048	
Table Assy, Scanner, Datalogic 8502/9504/8500XT/XTS, Right	N/A	11003054	
Metrologic Bi-Optic Scanner (with AC Adapter and I/F Cable), NA	MK2320KS-60B141	11000896	
Stratos Scanner/Scale, PSU, RS232 Single Cable, Eur	MK2320KS-60M141-FJ	11002570	
Remote Display, Metrologic, LB	46-00375	11001038	
Remote Display, Metrologic, KG	46-00376	11001037	
Cable, Metrologic Checkpoint EAS	52-52511A	11000960	
Bracket, Side Guard, Right, Metrologic, No Scale	36-02565A-01	11002476	
Bracket, Side Guard, Left, Metrologic, No Scale	36-02566A-01	11002477	
Cable Adapter, DB9F-DB25M, 500mm		11000404	
Sht Mtl Kit, Metrologic Scanner/Scale, Bracket	N/A	11001213S2	
Sht Mtl Kit, Metrologic, Scanner Only, Bracket	N/A	11001213S3	
Bracket, Metrologic Scale Pole Display	N/A	11002458-*	
Table Assy, Scanner, Metrologic MK232x, NCR7875/7876/7878, Left	N/A	11003046	
Table Assy, Scanner, Metrologic MK232x, NCR7875/7876/7878, Right	N/A	11003052	
PRINTERS			
Citizen CT10 Printer (Internal)	KD02906-1218	11001404	
Cable Guide, Right		11001779	
Cable Guide, Left		11001781	
Printer Slide Rail	2800-12	11001776	
Printer RIM Plastic	KD30337-Y188	11001439	
Epson Hybrid DT50III Printer, w/Cable (External)	TM-H6000iii	11000187	
Interface, Epson, P-USB	UB-U04	11000190	
Cable, Printer, P-USB, 3.0M (Citizen, Epson, IBM)		11002783	
IBM 4610-TM6 9320 Hybrid Printer, USB I/F	IBM-16K8721	11002202	
Assy, Single Printer Shelf, 8.25" Wx10"D, Left, Painted		11001230Z2-LX*	
Assy, Single Printer Shelf, 8.25" Wx10"D, Right, Painted		11001230Z2-RX*	
Screw, Pan Head, Philips, SEMS, Zinc, M5x0.8x12mm		11000663	
Screw, Flat Head, C-Sink, Philips, Zinc, M3x0.5x12mm		11001342	
Cover, Shelf, Single Printer		11001809-*	
Shelf, Single Printer		11001810-*	
Assy, Dual Printer Shelf, 15.5" Wx10"D, Left Mounted, Painted		11001230Z3-LX*	
Assy, Dual Printer Shelf, 15.5" Wx10"D, Right Mounted, Painted		11001230Z3-RX*	
Screw, Pan Head, Philips, SEMS, Zinc, M5x0.8x12mm		11000663	
Screw, Flat Head, C-Sink, Philips, Zinc, M3x0.5x12mm		11001342	
Sheet Metal Kit, Dual Printer Shelf, Left or Right, Painted		11001230S3-*	
Cover, Shelf, 2 Printer, 15.5"		11002136-*	
Shelf, 2 Printer, 15.5"		11002137-*	
Assy, Dual Printer Shelf, 15.5"Wx10"D, w/Insert Extension, Left, Painted		11001230Z4-LX*	
Mfg Kit, Dual Printer Shelf, w/Insert		11001230M4	
Sheet Metal Kit, Dual Printer Shelf, Left or Right, Painted		11001230S3-*	
Insert, Dual Printer Shelf, Left, Painted		11003484-*	
Assy, Dual Printer Shelf, 15.5"Wx10"D, w/Insert Extension, Right, Painted		11001230Z4-RX*	
Mfg Kit, Dual Printer Shelf, w/Insert		11001230M4	
Sheet Metal Kit, Dual Printer Shelf, Left or Right, Painted		11001230S3-*	
Insert, Dual Printer Shelf, Right, Painted		11003456-*	
COIN ACCEPTORS			
Microcoin Coin Acceptor (US) w/Cable	Q5232-E0 US808_D5	11001353	
Microcoin Coin Acceptor (Canada) w/Cable	Q5232-D0 CA812_M5	11003204	
Microcoin Coin Acceptor (Mexico) w/Cable	Q5232-E0 MX002_D5	11001349	
Microcoin Coin Acceptor (Europe) w/Cable	Q5232-F0 EU822_M6	11003203	
Microcoin Coin Acceptor (Poland) w/Cable	Q5232-D0 PL801_M5	11001350	
Microcoin Coin Acceptor (UK) w/Cable	Q5232-D0 UK817_M5	11001352	
Microcoin Coin Acceptor (Aus) w/Cable	Q5236-DF AU823_F2	11003127	
Microcoin Coin Acceptor (Japan) w/Cable	Q5232-E0 JP804_D5	11001347	
Microcoin Coin Acceptor (Korea) w/Cable	Q5232-E0 KR001_D5	11001348	
Microcoin Coin Acceptor (Sweden) w/Cable	Q5232-E0 SE804_M5	11002235	
Spring, Coin Reject Button	C-179	11001471	

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Description	Vendor P/N	FFNA	Comments
Telequip Coin Xpress Dispenser (Canada) w/Cable (6 Hopper)	CERNNXL-8MUC6	11001382	
Telequip Coin Xpress Dispenser (Europe) w/Cable (6 Hopper), EURO7	CE8RNNZF-8MUC6	11003341	
Telequip Coin Xpress Dispenser (UK) w/Cable (6 Hopper)	CE8RNNYU-8MUC6	11001386	
Telequip Coin Xpress Dispenser (UK) w/Cable (6 Hopper), Sainsbury	CE8RNNYS-8MUC6	11002832	05-20-100-100-10-01
Telequip Coin Xpress Dispenser (Aus.) w/Cable (6 Hopper)	CE8RNNXM-8MUC6	11001387	
Cable, USB A to USB B, 90deg, 2.0m	110-421	11000415	
PSU, Telequip T-Flex Canister	170-309R	N/A	
PSU, Telequip Xpress Hopper	170-311R	N/A	
Cable, DC Jack to R/A P6 Plug, 225mm	11002387	11002387	Right Hand SCO Only
Slide Rail, Hopper	3800-12 (T=15Inches)	11001470	
Catch, Magnet, Hopper	C349-1	11001472	
Chute, Hopper	KD030335-Y186	11001437	
Slide Chute, Hopper	KD030335-Y190	11001441	
Chute, Hopper or Canister, Left		11003043	
Chute, Hopper or Canister, Right		11003044	
Telequip Canister Chute Adaptor, Left	310-835	11003025	Includes end cap
Telequip Canister Chute Adaptor, Right	310-840	11003026	Includes end cap
Field Kit, SS Adaptor and Modified Chute, Left		11001202F	
Field Kit, SS Adaptor and Modified Chute, Right		11001202F2	
Telequip Canister End Cap, Left side	310-365G	n/a	
Telequip Canister End Cap, Right side	310-364G	n/a	
Hopper Assy, US/Can .01	340-530R	n/a	
Rotor, US/Can .01	310-611	n/a	
Hopper Assy, US/Can .05	340-531R	n/a	
Rotor, US/Can .05	310-601	n/a	
Hopper Assy, US/Can .10	340-545R	n/a	
Rotor, US/Can .10	310-603	n/a	
Hopper Assy, US .25	340-532R	n/a	
Rotor, US .25	310-602	n/a	
Hopper Assy, Can .25	340-649R	n/a	
Rotor, Can .25	310-679	n/a	
Hopper Assy, US/Can 1.00	340-626R	n/a	
Rotor, US/Can 1.00	310-664	n/a	
Hopper Assy, Can 2.00	340-627R	n/a	
Rotor, Can 2.00	310-665	n/a	
Hopper Assy, UK .01	340-539R	n/a	
Rotor, UK .01	310-609	n/a	
Hopper Assy, UK .02	340-540R	n/a	
Rotor, UK .02	310-664	n/a	
Hopper Assy, UK .05	340-541R	n/a	
Rotor, UK .05	310-611	n/a	
Hopper Assy, UK .10	340-542R	n/a	
Rotor, UK .10	310-602	n/a	
Hopper Assy, UK .20	340-543R	n/a	
Rotor, UK .20	310-605	n/a	
Hopper Assy, UK 1.00	340-544R	n/a	
Rotor, UK 1.00	310-610	n/a	
Hopper Assy, Euro .01	340-727R	n/a	
Rotor, Euro .01	310-729	n/a	
Hopper Assy, Euro .02	340-628R	n/a	
Rotor, Euro .02	310-606	n/a	
Hopper Assy, Euro .05	340-534R	n/a	
Rotor, Euro .05	310-605	n/a	
Hopper Assy, Euro .10	340-535R	n/a	
Rotor, Euro .10	310-606	n/a	
Hopper Assy, Euro .20	340-629R	n/a	
Rotor, Euro .20	310-608	n/a	
Hopper Assy, Euro .50	340-536R	n/a	
Rotor, Euro .50	310-607	n/a	
Hopper Assy, Euro 1.00	340-537R	n/a	
Rotor, Euro 1.00	310-608	n/a	
Hopper Assy, Euro 2.00	340-538R	n/a	
Rotor, Euro 2.00	310-607	n/a	

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Description	Vendor P/N	FFNA	Comments
Prism, Bill Exit Sensor, 3 Denom	CA05350-0202	11001415	
Reject Tray	KD02881-Y920	n/a	
Assy, Exit Transport Spray	KD03235-C003	KD03235-C003	
Mount Assembly	KD03150-D650	n/a	
Transport Assembly	KD03150-D610	n/a	
Cable, I/F, Bill Dispenser, 3.2M	KD70007-0828	11001411	
Cable, Power, Bill Dispenser, 3.0M	KD70007-0829	11001412	
Cable, Alarm Board to Bill Exit Sensor, 3.0M	KD70007-0835	11001416	
Cable, Y-Type, 24VDC P3 Plug for F53, 12VDC P@ Plug for MSM, 3.0M		11003464	TP3600 in Genesis
Cable, Y-Type, 24VDC P3 Plug for F53, 12VDC P@ Plug for MFL, 3.0M		11003530	TP3600 in Genesis
Cable, RS232, D9F-F53 2x4 DF11, 3.2M		11003489	TP3600 in Genesis
Cable, RS232, Straight, D9F-D9F, 3.0M		11003535	TP3600 in Genesis
Cassette w/o Lock, w/Roller Module, RoHS	KD03234-C520	12000232	
Cassette w/Lock, w/Roller Module, RoHS	KD03234-C530	KD03234-C530	
Lock, Cassette	KD70007-0829	12000021	
Pick Roller Module	KD02881-D553	KD02881-D553	
Kit, Bill Side Adjuster	KD02881-K851	KD02881-K851	
Kit, Bottom Frame	KD02881-E551	KD02881-E551	
Kit, Pick Roller Module	KD02881-K848	KD02881-K848	
Kit, Cassette Lid	KD02881-K853	KD02881-K853	
AC POWER			
UPS, 115VAC, PowerVar VM600, Side Mount (NA)	54060-93R	11002358	
UPS, 220VAC, PowerVar VM600, Side Mount (Eur)	55060-60R	11002359	
Batteries, Side Mount UPS	54880-50R	11002360	
Cable, USB A-B, UPS, 2.0M	KD70008-0001	11001398	
Conditioner, PowerVar, 500VA (NA)	ABCE500-11R	11001395	
Conditioner, PowerVar, 500VA (Europe)	ABCE500-22INTR	11001396	
Power Strip, 5 Plug, IEC	WS-045-0-5-FJ	11001957	
AC Cord, North America	11000049	11000049	
AC Cord, Universal, IEC	11002435	11002435	
AC Cord, Europe, w/Ferrite	602-10749-20	11000961	
Cable, Ground, 900mm		11003565	
SIGNATURE CAPTURE / EFT			
(Most PIN Pad/EFT Devices are Customer Supplied)			
OMNI 7000MPD, EFT with Sig Cap Pad (with AC Adapter and I/F cable)	OMNI 7000MPD		
Everest EFT Interface Block	CPS1211D-1B-R	11002447	
Everest EFT Power Supply	23729-02-R	11002446	
Adapter, 115VAC, IEC-C14 to NEMA5-15R - For customer supplied EFT with NEMA stye plug	0507.B	11002433	
Cable, Everest EFT, Purple, PultiPort	24173-02-R	24173-02-R	
Cable, RJ45-DB9F, Verifone, Red 3"		11002702	
Cable, 12VDC P-USB, Verifone MX8300, Yellow, 5.0M	23998-05-R	23998-05-R	
Cable, RS232, D9M to EFT Green Plug w/Power I/F Block, Verifone MX870		11002771	
Bracket, Front Plate, Verifone Everest/Omni7xxx		11001521	
EFT Bracket, ENS Model 367-1430-CS	367-1430-CS	367-1430-CS	
Topaz T-L460 Signature Capture Pad, w/cable	T-LBK-460SE-H190-R	11000882	
Styus for Topaz T-L460	PTS01B	N/A	
Cable, Topaz, Extension USB, M/M, A-A, 1.0M	USB-5100-01M	11001399	
Bracket, Moneyline 3000	BRA-1083	11000777	
Stand, K23 EFT and PayPass, Maintech #PM5224SP	PM5224SP	11002586	
CAMERAS			
Kit, Camera, Security, Watchport/V3 USB, Digi		11001214F6	
Camera, Security, Watchport/V3 USB, Digi	301-9010-02	11001480	
Plate, CCD Camera	KD30335-Y290	11001485	
Half Mirror, Inner Window	KD30335-Y294	11001487	
Outer Window	KD30335-Y290		
Bracket, Camera	KD30335-Y352		
Bracket, Camera	KD30335-Y353		
Bracket, Camera	KD30335-Y354		

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Description	Vendor P/N	FFNA	Comments
Screw, Pan Head, SEMS, M4x0.7x8mm		11001025	
Cable, Camera 1 USB A-B, 3.0M	KD70008-0003	11000145	
Kit , Camera, Produce, Low Profile		11001214F7	
Camera, 1/5" CMOS, VGA (640x480), USB2.0	UTS-C03MB-1007	11002532	
Enclosure, Molded Plastic, USB Camera, Black		11002522	
Bracket, Mounting USB2.0 Camera		11002523	
Cable, Camera, 3M		11002837	
Blanking Plate, Security Camera		11001214S3-*	
Blanking Plate, Produce Camera		11001214S5-*	
MAGNETIC STRIP READER			
Card Reader, Mini Swipe, Tracks 1-2, MagTek, USB	21040103	11002221	
Cable, USB M/F AA, White, 1.9M	11001088	11001088	
ALARM BOARD			
PCB, Alarm Board	KD20062-B60X	11001422	
Cable, Alarm Board to TP3K P-USB, 1.9M	11002808	11002808	
Cable, Alarm Board to 2nd PSU (PS-ON), 1.0M	KD70007-0830	11001423	
Cable, Alarm Board to 2nd PSU (Fan-Alarm), 1.7M	KD70007-0831	11001424	includes PSU switch
Cable, Door Sensor w/2 Switches, 3.0M	KD70007-0839	11001391	
LEAD-THRU LED'S			
PCB, Lead-Thru LED	KD20062-B801	11001425	
Cable, Alarm Board to LED, 3.0M	KD70007-0834	11001427	
Lens, Lead-Thru LED	KD30335-Y187	11001438	
Sheet, Insulating, Lead-Thru LED	KD30335-Y293	11001486	
COUPON SENSOR			
Coupon Sensor PCB Kit with Brackets	11000576	11000576	
PWA, Coupon Sensor, CPU	11000581	11000581	
PWA, Coupon Sensor, IR	11000577	11000577	
Cable, Coupon Sensor, CPU to IR	11000651	11000651	
Cable, Proximity & Coupon Sensor, USB, 3.0M	11000267	11000267	
Coupon Slot, Molded Plastic, Star Silver SanTex	KD30335-Y189	11001440	
PROXIMITY SENSOR			
PCB, Proximity Sensor	11000185	11000185	
Cable, Proximity & Coupon Sensor, USB, 3.0M	11000267	11000267	
LOCKS			
2 lock, 2 key set; 1 lock number unique to each set	11002066	11002066	Single Genesis Lane
17 lock, 9 key set; 1 lock number unique to each set	11002131	11002131	6 Genesis Lanes
10 lock, 9 key set; 1 lock number unique to each set	11002429	11002429	3 Genesis Lanes
3 locks+7 keys (cash access), 6 locks+9 keys (maintenance); 2 lock numbers	11002430	11002430	2 Genesis Lanes
7 locks+7 keys (cash access), 10 locks+9 keys (maintenance); 2 lock numbers	11002431	11002431	6 Genesis Lanes
Dallas Key Kit, USB	11000584M	11000584M	
Cable, Dallas Key, RJ-11, 3.0M	11001718	11001718	
Adaptor, RJ-11 to USB, Dallas Key	DS9490R	11001725	
Cable, Ground, Dallas Key to Frame, 2.2M	11002123	11002123	
Dallas Key Store Kit (5xRed, 3xGreen, 25xBlack)		KEY-15000585	
Receptor, Wired Magnetic, Dallas Key	94-J-03/W	11000584	
iBUTTON, Green Magnetic, Dallas Key	99-L-01/G	11000585	
iBUTTON, Red Magnetic, Dallas Key	99-L-01/R	11000586	
iBUTTON, Black Magnetic, Dallas Key	99-L-01/B	11000587	
AUDIO			
Speaker (Misco Speakers)	740F08-SHWP	11001388	
Audio Amplifier	11000494	11000494	
Cable, Amplifier Power, 2.2M	11002806	11002806	
Cable, Amp to Speaker, RCA to 2-Terminal, 1.2M	KD70008-0218	11001309	
Cable, Amp to PC, 3.5mm, 2.2M	KD70008-0316	11001668	

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LANE LIGHT			
Lane Light, Patlite, w/o PSU, 1000mm Pole, Side Mound, 220VAC	FTS1000-LB230	11001452	Europe/UK
Lane Light, Patlite, w/o PSU, 1000mm Pole, Side Mount, 110VAC	FTS1000-LB120	11002507	US/Canada
Patlite Controller w/Cable	T21100050	n/a	12Pin Conn
Cover, Lane Light, Patlite 1000mm Pole	n/a	11002149-*	
Cable, Patlite Lane Light I/F, D15/D9 with PSU conn, 3.0M	KD70008-0213	11001392	
Cable, Lane Light, RS232, D9F-D9F, Straight, 3.0M	n/a	11003535	TP3600 in Genesis
AutoSwitch P.S. Lane Light	PS2415APL5AN	11000886	
Cable, AC Power, 250VAC, 2.5M	3500.098	11002435	
Screw, Pan Head, Phillips SEMS, M5x0.8x12mm	n/a	11000663	
Screw, Pan Head, Phillips SEMS, M3x0.5x6mm	n/a	11000595	
Screw, Flat Head, C-Sink, Phillips, M3x0.5x8mm	n/a	11000593	
Bracket, Lane Light Pole	n/a	11002148	
Bracket, Light Pole Cover	n/a	11002153	
Field Kit, Lane Light, 1000mm Pole, 220VAC, Eur/UK/Aus	n/a	11001217F-*	
Dual FCP Lane Light Controller	n/a	11001650	
PCB, Process Controller, Dual 115VAC	n/a	11001642	
PCB, Dual 115VAC Driver	n/a	11001646	
Cable, FCP Lane Light Controller, D15M/D9M with 3-way, 200mm	n/a	11002178	
SCALES		Original Scale - Replaced by Universal Bag Scale	
Scale Isolator Cups	11001506	11001506	
Weigh Bar, w/Cable	R-1305	11001409	
RL Transmitter / Controller, without PSU, without Socket	R-1932	11003023	
PSU, RL Scales, 230VAC	2X3-1930-240V	11002456	
Cable, I/F, RL Bag Scale to TP3K, 3.0M	KD70008-0214	11001397	
Bag Rack, Angola	AWP5719	11000768	
Kit, Carousel Drum Scale, 4P Controller	R-1620	11000964	
RL Transmitter / Controller, without PSU, without Socket	R-1932	11003023	
Weigh Bar, 100kg/220lb Max, Adjustable	R-1900	11001356	
Weigh Bar, 100kg/220lb Max, Extended	R-1980	11002517	Secondary Scale
Kit, SheetMetal, 1 Bag Scale		11001216S2-*	
Platter 1B Assy		KD30335-E700	
Wall Side 1B		KD30335-Y702	
Scale Base 1B		KD30335-E710-*	
Scale Bracket 1B		KD30335-Y712	
Base 1B Assy		KD30335-E720-*	
Side Cover 1B Assy		KD30335-E750-*	
Front Cover 1B Assy		KD30335-E751-*	
Hook Metal		KD30335-Y754	
Guard 1B		KD30335-Y698	
Guard 1B L		KD30335-Y699	
Collar		KD30335-Y695	
Collar 1B		KD30335-Y697	
Assy, 4 Bag Scale, Tiered w/12" Raised Base, Right Side Mounted, Painted: Star Silver SandTex		11001219Z6-RXA	
Assy, 4 Bag Scale, Tiered w/12" Raised Base, Left Side Mounted, Painted: Star Silver SandTex		11001219Z6-LXA	
Field Kit, 4 Bag Scale, 4.0 inch Raised Base		11001219F-*	
Assy Instructions		D900000256	
RL Transmitter / Controller, without PSU, without Socket	R-1932	11003023	
Weigh Bar, w/Cable	R-1305	11001409	
Cable, I/F, RL Bag Scale to TP3K, 3.0M	KD70008-0214	11001397	
Scale Isolator Cups	11001506	11001506	
Platter 2B		KD30335-Y600	
Wall 2B		KD30335-Y601	
Wall Side		KD30335-Y602	
Scale Base 2B		KD30335-E610-*	
Base Cover 2B		KD30335-Y613	
Base 4B Assy		KD30335-E660-*	
Side Assy, 4B		KD30335-E670-*	

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Description	Vendor P/N	FFNA	Comments
Front Assy		KD30335-E650-*	
Scale Base, 12" Raised, 2B Assy		11002437-*	
Knurled Screw		CA32154-Y052	
Guard 2B L		KD30335-Y691	
Guard 4B		KD30335-Y692	
Guard 2B		KD30335-Y693	
Collar		KD30335-Y695	
Fan & Sheetmetal to allow 2nd PC in Bag Scale			
Fan Assy w/Cable, Bag Scale, 3.0M		11002124	
Fan Assy w/Y-Cable, SCO Base to 4 Bag Scale, 0.8M		11002125	
Screw, Pan Head, Philips, SEMS, nickel, M3x0.5x6mm		11000595	
Screw, Pan Head, Philips, SEMS, Zinc, M4x0.7x8mm		11001025	
Installation Document		D900000277	
Bracket, TP2K, Exhaust Duct, Genesis 1 Bag Scale		11002481	
Bracket, TP2K, Exhaust Fan Mount, Genesis 1 Bag Scale		11002482	
Bracket, TP2K, Exhaust Power Supply Tunnel, Genesis 1 Bag Scale		11002483	
Assy, Door, 1Bag Scale, Vented		11002485-*	
Bracket, TP2K, Mounting, Genesis 1 Bag Scale		11002479	
Bracket, TP2K, Intake Duct, Genesis 1 Bag Scale		11002480	
Fan Cover PSU		KD30335-Y322	
Field Kit, 1 Bag Scale, 12 Inch Raised Base, Stainless Steel		11001216F	
Field Kit, 1 Bag Scale, 12 Inch Raised Base, Painted		11001216F-*	
Cable, RL Bag Scale, 12VDC, 3.5M		11003452	TP3600 in Genesis
BAG RACKS			
Assy, Bag Rack, Angola Wire, Tall Items, English		11001221Z11-XXX	
Assy, Bag Rack, Angola Wire, Tall Items, English & French		11001221Z12-XXX	
Bag Rack, Tall Items, Angola Wire		11002473	
Bracket, Anti-Tip, Tall Items Bag Rack		11002470-*	
Label, Place Tall Items Here, English		11002500	
Label, Place Tall Items Here, French		11002501	
Velcro, Dual Lock, Reclosable Fastener, Type 250, 1"x50Ydx.23"		11002511	
Screw, Pan Head, Philips, SEMS, Zinc, M5x0.8x12mm		11000663	
COMMUNICATIONS			
USB HUB, Belkin Model, 7 Port w/PSU	F5U237v1	11001403	
PSU, HUB	GS25A05-P2AF	11003030	
LAN Cable, 25 Foot CAT5	CBLTPRJ25	TBD	
10/100 Pro LAN Card (Bulk 20 pack)	PWLA8391GTLBLK	11000055	
Bilkin 2 Port KVM Switch		11002701	
TOP DOOR			
Upper Door Assy, Right	KD30348-E100S-*	N/A	
Upper Door Assy, Left	KD30335-E100S-*	N/A	
Top Door Assy.SCO & Payment Station, Left Hand	KD30335-E100-*		
EFT Blank Panel Assy, Painted	KD30335-E258-*		
Illinois lock	HSD6416X-810-092-1014		
Key Bracket A Assy	KD30335-E275		
Key Bracket B	KD30335-Y276		
Key Bracket C	KD30335-Y277		
Lever Assy, Painted	KD30335-E116-*	KD30335-E116-*	
Top Stopper (Left Side)	KD30335-Y115	11003237	
Top Lock Shaft	KD330335-Y350		
Rubber Foot	C-30FRB-18	11003241	
E Ring	F6-ER4-SUS	11001780	
Coin Tray C, Hopper or Canister, Bill Exit Tray	KD030335-Y184	11001435	
Bill Bumper Tray Bracket Assembly	KD30335-E270		
Coin Tray A, Hopper or Canister, Lower Coin Tray, Left	KD030335-Y182	11001433	
Top Lever Spring	KD30335-Y119		
Top Lever Shaft	KD30335-Y118		

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Description	Vendor P/N	FFNA	Comments
Screw, Pan Head, Phillips, M5x0.8x12mm		11003219	
MISCELLANEOUS			
Rivet, Plastic, Custom Color	9006352801	11001319	
Tubing, Drain Hose, 1/2" ID	5255K26	11001340	
Clamp, Tubing	CTB-19ST-FK	11001341	
Cord Keeper, Kitagawa K-105G	K-105G	11001474	Sm Stick On Retainer
CKS Clamp, Kitagawa CKS-10-L	CKS-10-L	11001475	
CKS Clamp, Kitagawa CKS-20-L	CKS-20-L	11001476	
CKS Clamp, Kitagawa CKS-26-L	CKS-26-L	11001477	
CKS Clamp, Kitagawa KKN-20	CKN-20	11001478	Stick On Retainer
Label, Insert Cash, English	KD30335-Y320	11001488	
Label, Change, English	KD30335-Y321	11001489	
Label, Cash In, English, Right Hand	11002256	11002256	
Label, Change Out, English, Right Hand	11002300	11002300	
Label, Receipt, English	KD30335-Y322	11001490	
Label, Coupons, English	KD30335-Y323	11001491	
Label, Cash In, French/Flemish		11002278	
Label, Change, French/Flemish		11002279	
Label, Coupons, French/Flemish		11002280	
Label, Receipt, French/Flemish		11002281	
Label, Cash In, Polish		11002946	
Label, Change, Polish		11002947	
Label, Coupons, Polish		11002949	
Label, Receipt, Polish		11002948	
Label, Genesis Logo		11002492	
Label, Attendant Station, Polish		11003004	
Label, CashCode Vault, Warning Fragile, English		11000675	
Label, CashCode Vault, Warning Fragile, French		11002344	
Label, CashCode Vault, Warning Fragile, Polish		11003312	
Label, Not Legal Bag Scales		11003413	
Gas Spring, Locking, L=344 mm	89Z100052MM0534	11001581	
Fan Assy, w/Cable, Bag Scale, 3.0M		11002124	
Fan Assy, W/T-Cable, Base Unit to 4 Bag Scale, 0.8M		11002125	
Cushion, Top Door to Frame	KD30335-Y223	11002577	
Cushion, Lower Door to Frame	KD30335-Y222	11002578	
Bracket, Top Door Lock	KD30335-Y283	KD30335-Y283	Door side latch plates
Screw, Button Head Cap, Hex Drive, Nylon Patch Lock, M4x0.7x6mm		11002208	Door side latch plates
SHEETMETAL			
		(* depends upon color)	
Sht Mtl Kit, Coin Disp, T-Flex	N/A	11001202S	
Sht Mtl Kit, Coin Disp, Hopper, Right	N/A	11001203SR	
Sht Mtl Kit, Coin Disp, Hopper, Left	N/A	11001203SL	
Sht Mtl Kit, Coin Acceptor, Left	N/A	11001204S-*	
Sht Mtl Kit, Coin Acceptor, Right	N/A	11001204S2-*	
Sht Mtl Kit, Bill Acceptor, Front Load	N/A	11001205S-*	
Sht Mtl Kit, Bill Acceptor, Back Load	N/A	11001206S	
Sht Mtl Kit, Blanking Plate, Coin & Bill Acceptor, Cash In, Left Hand	N/A	11001206S2-*	
Sht Mtl Kit, Bezel & Bracket, Cashcode SM Back Load	N/A	11001206S3-*	
Sht Mtl Kit, Bezel & Bracket, Cashcode MSM Back Load	N/A	11001206S4-*	
Sht Mtl Kit, Controller	N/A	11001207S	Old Chassis, TP3K
Controller Tray	KD30335-Y304	KD30335-Y304	
Assy, Fan Duct	KD30335-E300	KD30335-E300	
Sht Mtl Kit, TP3K Controller, Left	N/A	11001207S2	V3 Chassis-TP3K
Bracket, Controller Guide, Upper	KD30335-Y590	KD30335-Y590	
Bracket, Controller Guide, Lower	KD30335-Y589	KD30335-Y589	
Fan Bracket, Left	KD30335-Y331	KD30335-E331	
Fan Cover	KD30335-Y317	KD30335-Y317	
Sht Mtl Kit, Dual TP3K Controller, Left	N/A	11001207S23	V3 Chassis-TP3K
Bracket, Controller Guide, Upper, 2nd TP3K	KD30348-Y590	KD30348-Y590	
Bracket, Controller Guide, Upper, TP3K	KD30335-Y590	KD30335-Y590	
Bracket, Controller Guide, Lower	KD30335-Y044	KD30335-Y044	
Fan Bracket, Left	KD30335-Y331	KD30335-E331	

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Description	Vendor P/N	FFNA	Comments
Fan Cover	KD30335-Y317	KD30335-Y317	
Sht Mtl Kit, TP3K Controller, Right	N/A	11001207S4	V3 Chassis-TP3K
Bracket, Controller Guide, Upper	KD30335-Y590	KD30335-Y590	
Bracket, Controller Guide, Lower	KD30335-Y589	KD30335-Y589	
Fan Bracket, Right	KD30335-E331	KD30348-E331	
Fan Cover	KD30335-Y317	KD30335-Y317	
Sht Mtl Kit, TP3600 Controller, Left	N/A	11003465S	V3 Chassis-TP3600
Bracket, Bottom Guide, TP3600	KD30335-Y595	KD30335-Y595	
Bracket, Top Guide, TP3600, Left	KD30335-Y594	KD30335-Y594	
Bracket, Chassis Tray, TP3600, Left	KD30335-Y593	KD30335-Y593	
Fan Bracket, Left	KD30335-Y586	KD30335-E586	
Fan Cover	KD30335-Y317	KD30335-Y317	
Duct, PSU Fan, B, TP3600	KD30335-Y592	KD30335-Y592	
Duct, PSU Fan, A, TP3600	KD30335-Y591	KD30335-Y591	
Sht Mtl Kit, TP3600 Controller, Right	N/A	11003465S2	V3 Chassis-TP3600
Bracket, Bottom Guide, TP3600	KD30335-Y595	KD30335-Y595	
Bracket, Top Guide, TP3600, Right	KD30348-Y594	KD30348-Y594	
Bracket, Chassis Tray, TP3600, Right	KD30348-Y593	KD30348-Y593	
Fan Bracket, Right	KD30348-Y586	KD30348-E586	
Fan Cover	KD30335-Y317	KD30335-Y317	
Duct, PSU Fan, B, TP3600	KD30335-Y592	KD30335-Y592	
Duct, PSU Fan, A, TP3600	KD30335-Y591	KD30335-Y591	
Sht Mtl Kit, Secondary PSU, Left	N/A	11001208S2	
Sht Mtl Kit, Secondary PSU, Right	N/A	11001208S3	
Sht Mtl Kit, UPS	N/A	11001209S	
Sht Mtl Kit, Customer Camera, Internal, Left	N/A	11001214S	
Sht Mtl Kit, Customer Camera, Internal, Right	N/A	11001214S2	
Sht Mtl Kit, Blanking Plate, Customer Camera, Internal	N/A	11001214S3-*	
Sht Mtl Kit, Produce Camera	N/A	11001214S4-*	
Sht Mtl Kit, Blanking Plate, Produce Camera	N/A	11001214S5-*	
Sht Mtl Kit, Scanner Camera	N/A	11001214S6-*	
Sht Mtl Kit, Skirt, Base Unit	N/A	11001215S-*	
Sht Mtl Kit, Skirt, 1 Bag Scale	N/A	11001215S2-*	
Sht Mtl Kit, Skirt, 2 Bag Scale	N/A	11001215S3-*	
Sht Mtl Kit, Skirt, Base Unit, Dual Adjustable	N/A	11001215S4-*	
Sht Mtl Kit, Skirt, 1 Bag Scale, Dual Adjustable	N/A	11001215S5-*	
Sht Mtl Kit, Skirt, 2 Bag Scale, Dual Adjustable	N/A	11001215S6-*	
Sht Mtl Kit, 2 Bag Scale, Standard Color	N/A	11001216S-1-2	
Sht Mtl Kit, 2 Bag Scale, Edeka	N/A	11001216S-4	
Sht Mtl Kit, 1 Bag Scale	N/A	11001216S2-*	
Sht Mtl Kit, 1 Bag Scale, Conversion w/Fan to Second PC Interface	N/A	11001216S3-*	
Sht Mtl Kit, Lane Light Shelf, 1000mm Pole & Scale Display, Left/Right Side	N/A	11001217S	
Sht Mtl Kit, Lane Light Shelf, 600mm Pole & Scale Display, Left/Right Side	N/A	11001217S2-*	
Sht Mtl Kit, 4 Bag Scale, Std Height, Standard Color	N/A	11001219S-1-2	
Sht Mtl Kit, 4 Bag Scale, Std Height, Edeka	N/A	11001219S-4	
Sht Mtl Kit, 4 Bag Scale w/Fan, Second PC I/F, Std Height	N/A	11001219S2-1-2	
Sht Mtl Kit, Skirt, 4 Bag Scale	N/A	11001220S-*	
Sht Mtl Kit, Skirt, Carousel 1 Scale, Genesis	N/A	11001220S2-*	
Sht Mtl Kit, Skirt, Carousel 2 Scale, Genesis	N/A	11001220S3-*	
Sht Mtl Kit, Basket Stand Assist Shelf	N/A	11001222S2-*	
Bracket, Assist Shelf Mounting, Painted	N/A	11002817-*	
Shelf, Assist, Stainless Steel Platter	N/A	11002816	
Rod, Assist Shelf, Stainless Steel	N/A	11002976	
FLD KIT, Assist Shelf, SCO or Payment Station	N/A	11001222F-*	
Sht Mtl Kit, F53 BDU, Left Hand	N/A	11001224S	
Sht Mtl Kit, F53 BDU, Right Hand	N/A	11001224S2	
Sht Mtl Kit, F53 BDU, Payment Station	N/A	11001224S3	
Sht Mtl Kit, E-Payment, MSR Bracket, Magtek, Façade Front Mount	N/A	11001225S9-*	
Sht Mtl Kit, E-Payment, Verifone Everest/Omni 7000/MX8700, Façade Front	N/A	11001225S3-*	
Sht Mtl Kit, E-Payment, Verifone Xtreme (Dione), Façade Front	N/A	11001225S4-*	
Sht Mtl Kit, E-Payment, Moneyline L3000, Right Side	N/A	11001225S5-*	
Sht Mtl Kit, E-Payment, ParaRede Sedna, Magtek MSR, Façade Front	N/A	11001225S6-*	
Sht Mtl Kit, E-Payment, MSR Bracket, Magtek, Right Side	N/A	11001225S7-*	

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Sht Mtl Kit, E-Payment, Thales Artema Hybrid, Edeka, Right Side	N/A	11001225S8-*	
Sht Mtl Kit, E-Payment, MSR Bracket, Magtek, Façade Front	N/A	11001225S9-*	
Sht Mtl Kit, E-Payment, Banksys C-Zam/Smash & Verifone SC550	N/A	11001225S11-*	
Sht Mtl Kit, E-Payment, Ingenico 640 & Magtek MSR, Right Side	N/A	11001225S12-*	
Sht Mtl Kit, E-Payment, Hypercom P2100 & MSR, Right Side	N/A	11001225S13-*	
Sht Mtl Kit, E-Payment, Everest, Tilting, Dual & Single Printer Shelf	N/A	11001225S14-*	
Sht Mtl Kit, E-Payment, Ingenico 3070, Right Side	N/A	11001225S15-*	
Sht Mtl Kit, E-Payment, Ingenico 3070, Left Side	N/A	11001225S16-*	
Sht Mtl Kit, E-Payment, MainTech EFT & Lane Light, Left/Right Side	N/A	11001225S17-*	
Sht Mtl Kit, E-Payment, Ingenico 5100, Right Side	N/A	11001225S18-*	
Sht Mtl Kit, E-Payment, Ingenico 5100, Left Side	N/A	11001225S19-*	
Sht Mtl Kit, E-Payment, ParaRede Prisma, Magtek MSR, Left/Right, Sonae	N/A	11001225S20-*	
Sht Mtl Kit, E-Payment, EFT Bracket, Ingenico 3070 & Magtek MSR, Left	N/A	11001225S22-*	
Field Kit, E-Payment, EFT Bracket, Ingenico 3070 & Magtek MSR, Left	N/A	11001225F22-*	
Sht Mtl Kit, E-Payment, EFT Bracket, Ingenico 3070 & Magtek MSR, Right	N/A	11001225S23-*	
Field Kit, E-Payment, EFT Bracket, Ingenico 3070 & Magtek MSR, Right	N/A	11001225F23-*	
Bracket Assy, Sig Capture, Topaz, Front	N/A	11002126-*	
Sht Mtl Kit, Coupon Bin, SCO	N/A	11001226S	
Sht Mtl Kit, Coupon Bin, Payment Station	N/A	11001226S2	
Sht Mtl Kit, Blanking Plate, Coupon Slot	N/A	11001226S-*	
Sht Mtl Kit, Coupon Bin, Chute & Cover, Canadian Tire	N/A	11001226S6-*	
Sht Mtl Kit, Proximity Sensor	N/A	11001227S	
Sht Mtl Kit, CT10 Printer, Internal, SCO w/F53 BDU, Left Hand	N/A	11001229S-*	
Sht Mtl Kit, CT10 Printer, Internal, SCO w/F53 BDU, Right Hand	N/A	11001229S2-*	
Sht Mtl Kit, CT10 Printer, Internal, Payment Station	N/A	11001229S3-*	
Sht Mtl Kit, Blanking Plate, No Printer, SCO Left Hand or Payment Station	N/A	11001229S4-*	
Sht Mtl Kit, Blanking Plate, No Printer, SCO Right Hand	N/A	11001229S5-*	
Bracket, Blanking Plate, Cash IN, Coin & Bill, Right Hand	N/A	11002584-*	
Shelf, Maintech EFT Stand #PM5052, Genesis	N/A	11002849-*	
Stand, Verifone SC5000 EFT, Maintech #PM5052, Painted: Black	N/A	11002850	Black
EFT Blank Panel	KD30335-E258-*	N/A	
Sheet Metal Color Reference	Customer	Color Code	
Star Silver Sandtex	Standard	1/A	
Beach Sand Textured	Standard	2/A	
Auchan Green	Auchan	3/B	Pantone 380C
Edeka Gray	Edeka	4	RAL 9007
Black River	HEB	5	
Urbane Bronze	HEB	6	SW7048
Mandarin Red	HEB	7	Winsonart 1511-60
Fir Green	Auchan	8/E	RAL 6009
Purple/Lilac	Auchan	9/F	Pantone 2725C
Strawberry Red	Cora	10	RAL 3018
Mint Green	Auchan	11/H	RAL 6029
Black Grey	Axfood	12	RAL 7021
DOCUMENTATION & SHIPPING	Non-Spared parts for reference only		
Pallet, Shipping, 29 1/4" x 35 3/8"		11002580	
Sleeve, Shipping Pallet, 29 1/4" x 35 3/8"		11002581	
Top Cover, Sleeve, 29 1/4" x 35 3/8"		11002852	
Ramp, Shipping Pallet		11002583	
Maintenance Sheet, Shut Down/Reboot, English		11003181	
Maintenance Sheet, Shut Down/Reboot, French		11003182	
Maintenance Sheet, Bag/Carousel, English		11003183	
Maintenance Sheet, Bag/Carousel, French		11003184	
Packaging, Telescopic Lid, Genesis Bag Scale		11003031	
Packaging, Cardboard Sleeve, Genesis Bag Scale		11003032	
Packaging, Filler Piece, Genesis Bag Scale		11003033	
Packaging, Telescopic Lid, 24" Attendant Station		11003034	
Packaging, Cardboard Sleeve, 24" Attendant Station		11003035	
Label Sheet, Cable Labels		11003381	1 sheet for 2 Robots
Genesis Site Preparation and Installation Guide		D900000310	
Mini Carousel Assembly Manual		D900000312	

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	Foothill Ranch, CA		April 12, 2010

Description	Vendor P/N	FFNA	Comments
Universal Bag Scales Assembly Manual		D900000352	
Genesis Belted Unit Installation Manual		D900000393	
Genesis Belted Unit Maintenance Manual		D900000394	
Genesis Hardware Manual		D900000309	
Genesis System Description and Service Guide		D900000308	
Genesis Assembly Manual		D900000311	