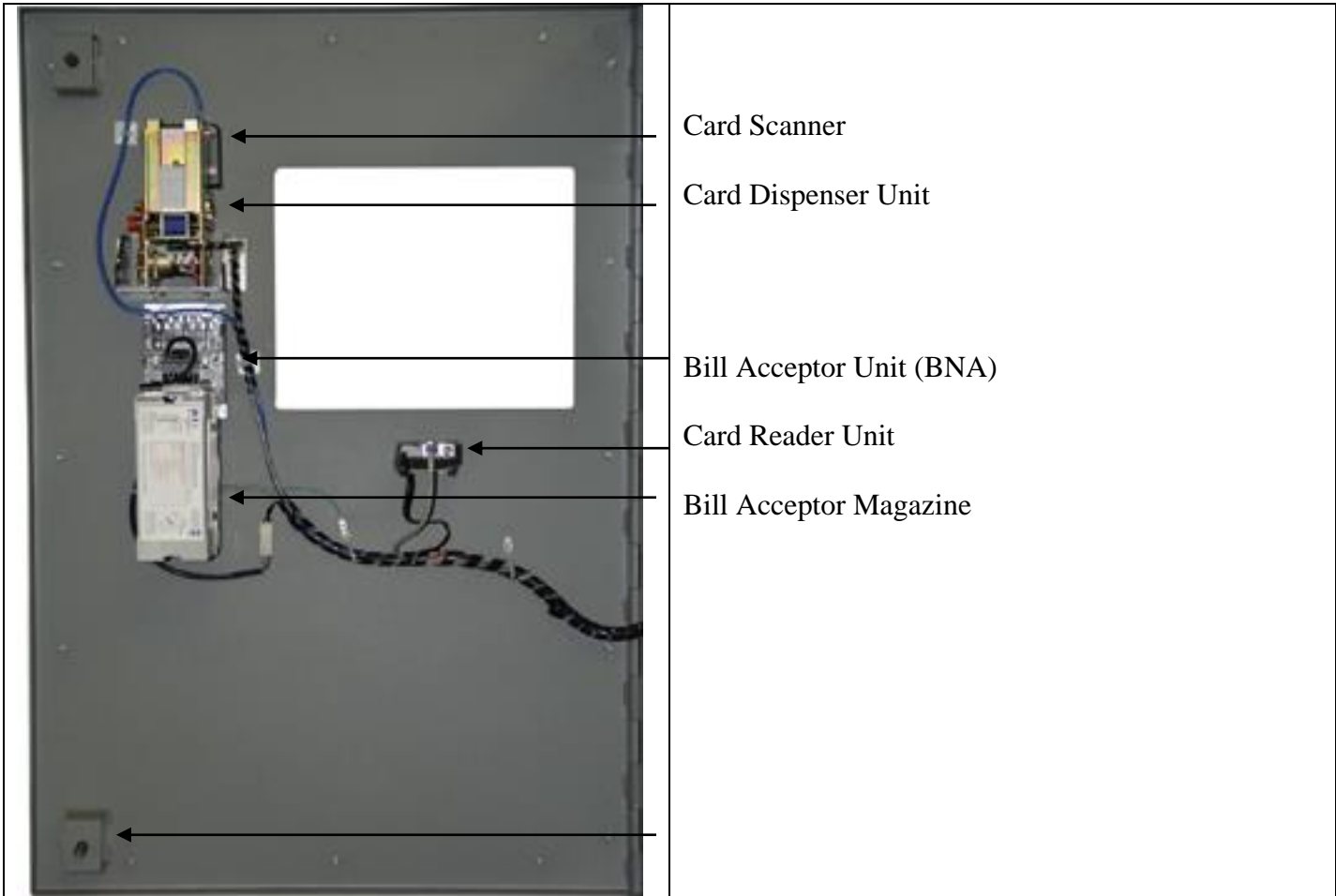


Welcome To Card Concepts Inc.
X-Changer
Over View Manual and Parts List

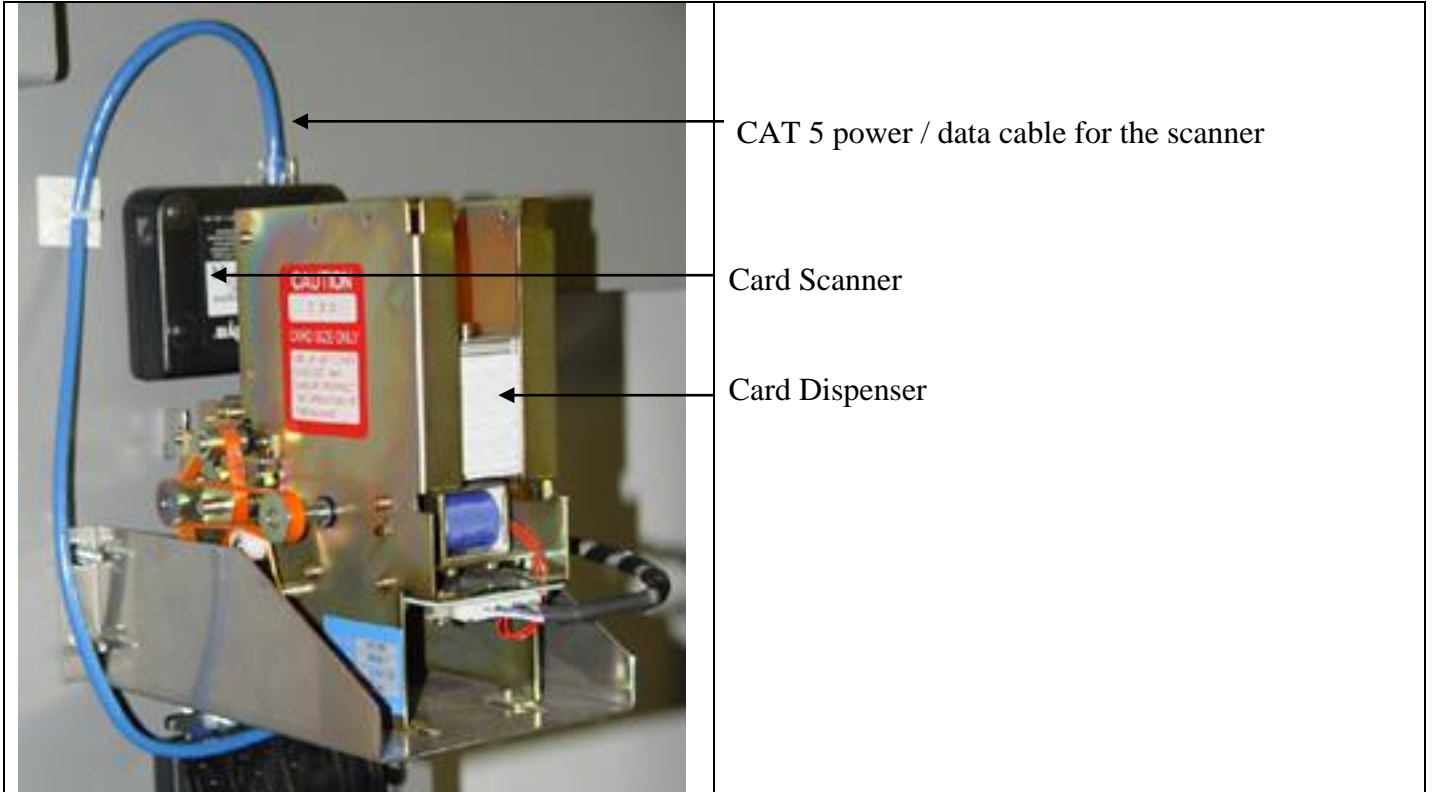


Index:

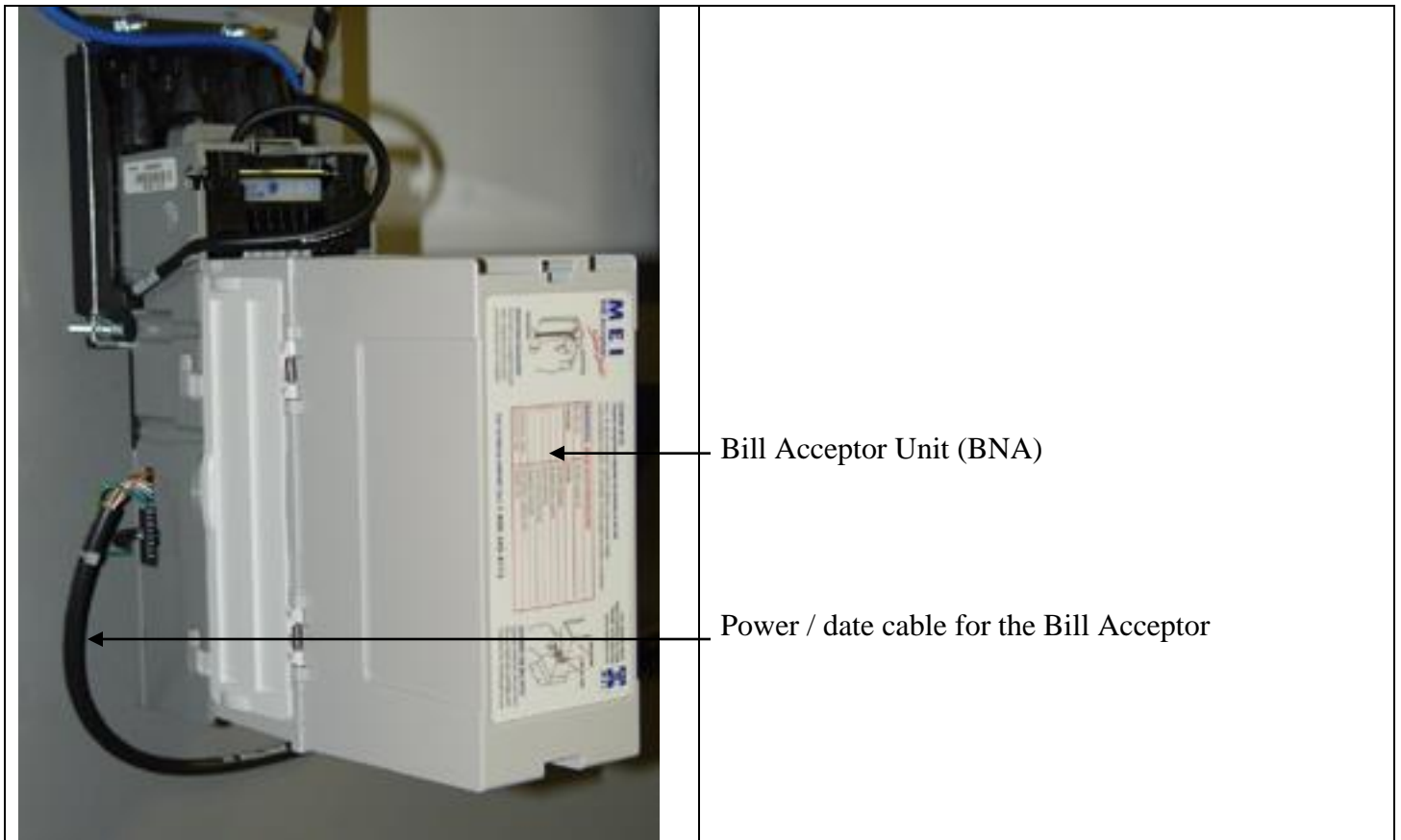
1. The X-Changer.....	page-5
2. Front door and components.....	page-
3. Card Dispenser unit.....	page-
4. Bill Acceptor Unit.....	page-
5. Door card reader.....	page-
6. Inside the X-Changer.....	page-
7. UPS.....	page
8. power supplies 5V – 15V.....	page-
9. Distribution board.....	page
10. Ethernet Hub.....	page-
11. 9 Pin serial hub.....	page-
12. Modem.....	page-
13. Card dispenser board.....	page-
14. Dell Models.....	page-
15. GX150.....	page-
16. GX260.....	page-
17. GX270.....	page-
18. Connectors.....	page-
19. Printer.....	page-
20. D-Link Print server.....	page-
21. CCI Parts List.....	page-

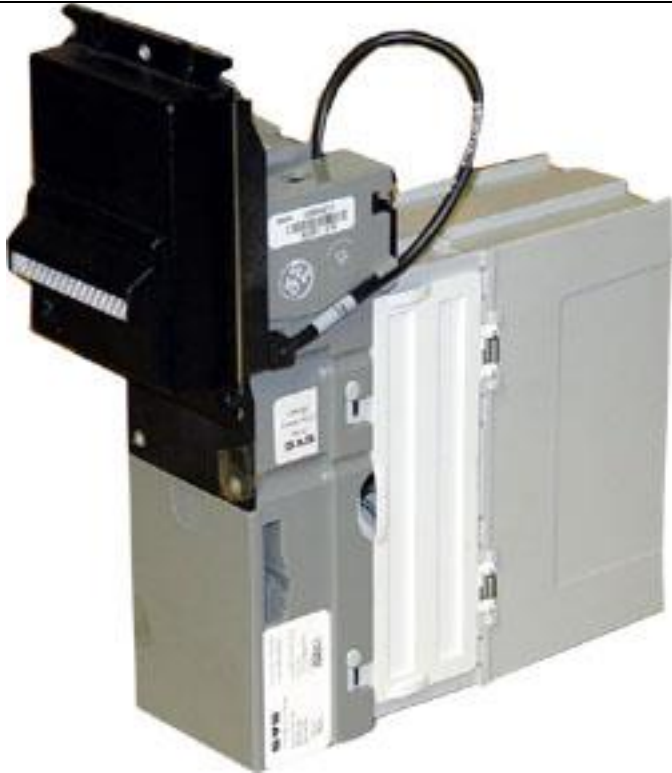


Card Dispenser Unit



Bill Acceptor Unit (BNA)





Front view of the Bill Acceptor



Rear view of the Bill Acceptor



This picture shows the Bill Acceptor without the money magazine and also displays how the feeding mechanism can be removed from the unit for maintenance.

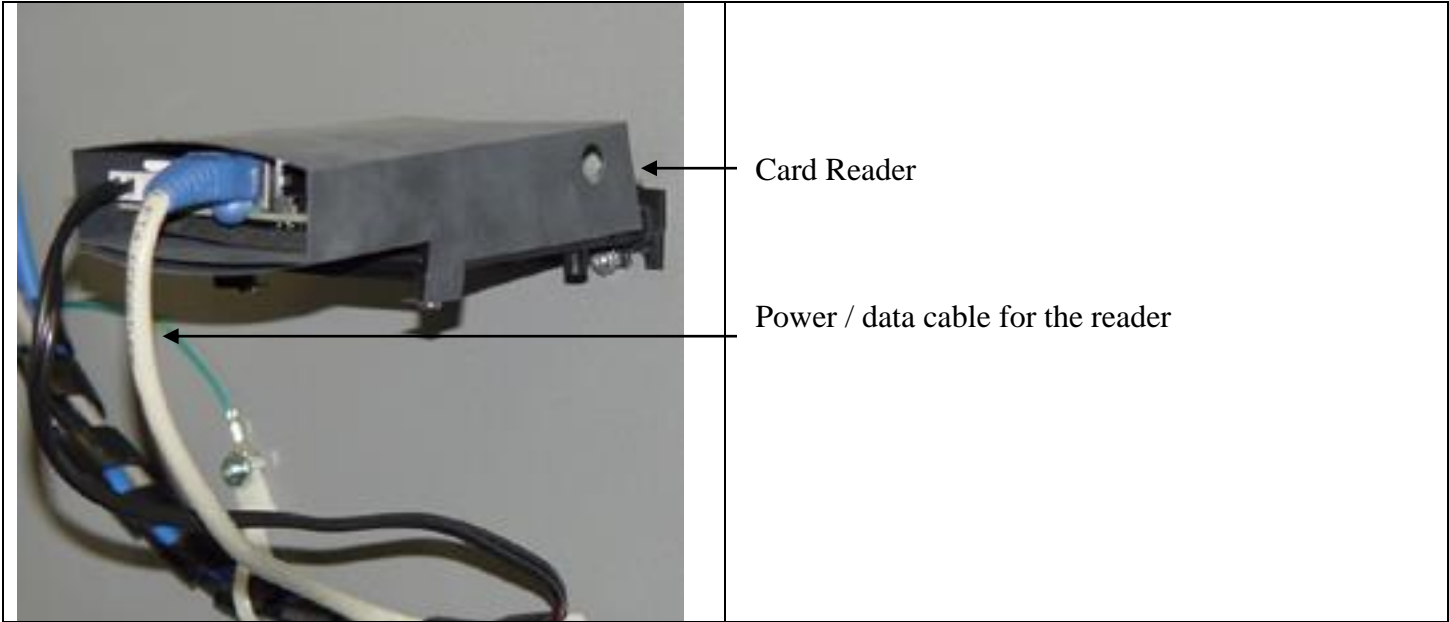
Simply push the chrome bar that goes across the unit down, grab the cable and the pcs. it connects to and pull it out.

By pulling out this part, it will allow a user to have access to critical part of the acceptor, which should be cleaned on regular bases in order to get maximum performance.



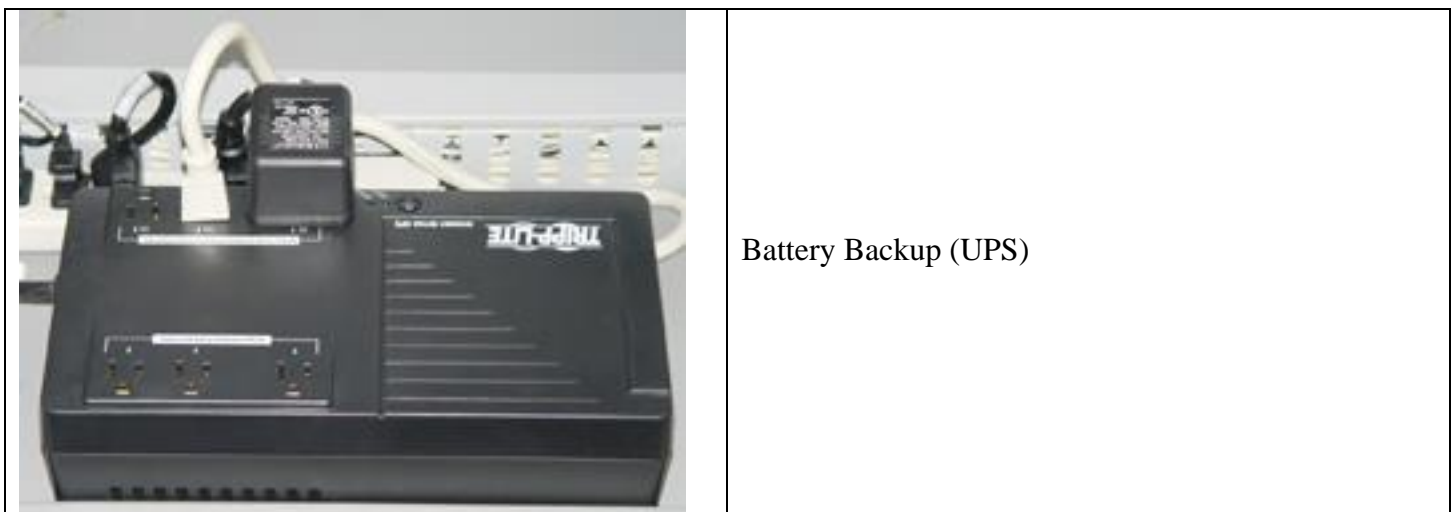
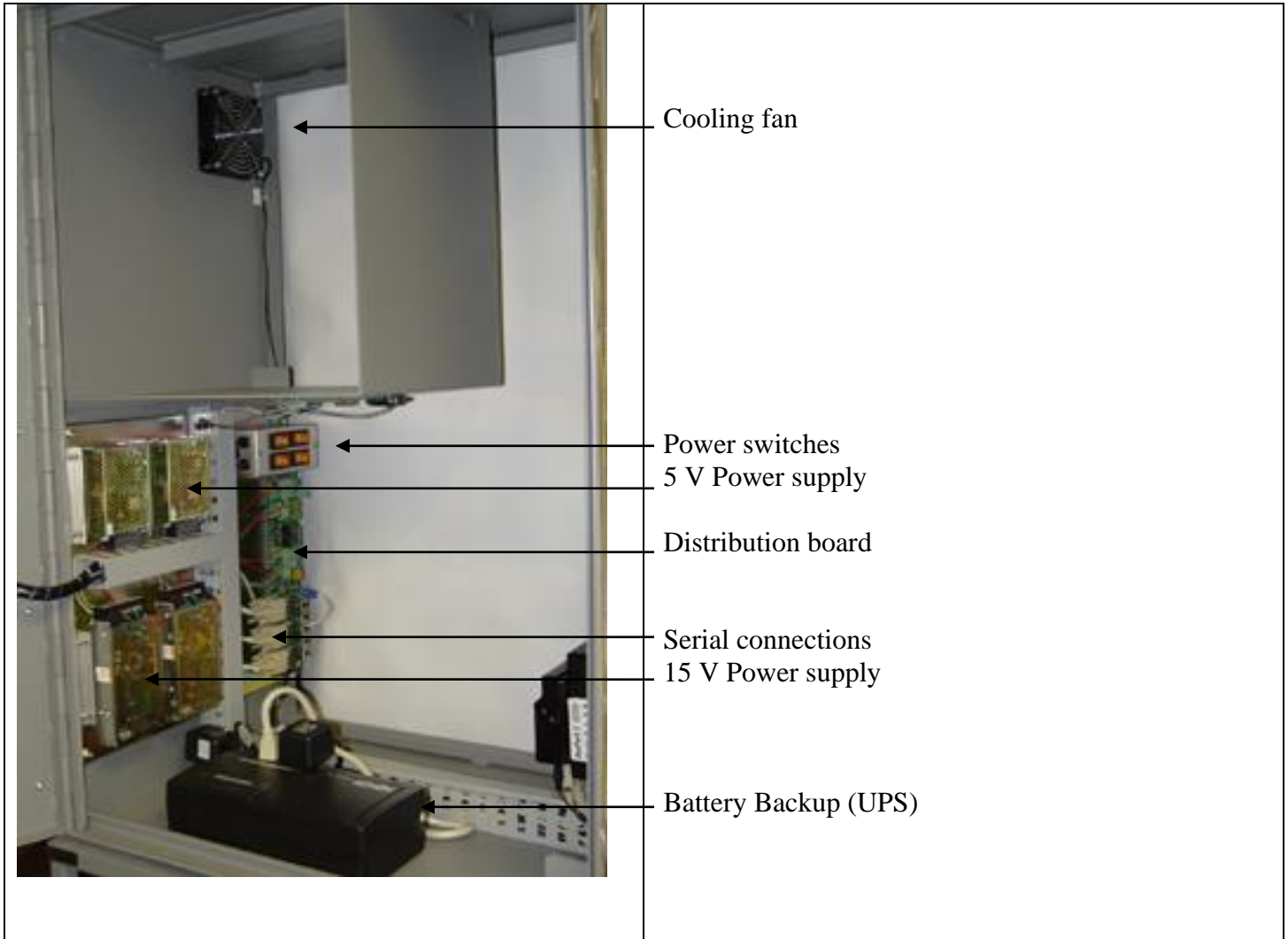
Here is another close up of the unit after the part has been removed. After the unit was serviced, simply take the pcs. attached to the wire and push it back it. Make sure you hear a click.

Card Reader Unit



Section B:

Inside, left side of the X-Changer





Power switches

Distribution board

Line terminations

Serial connections

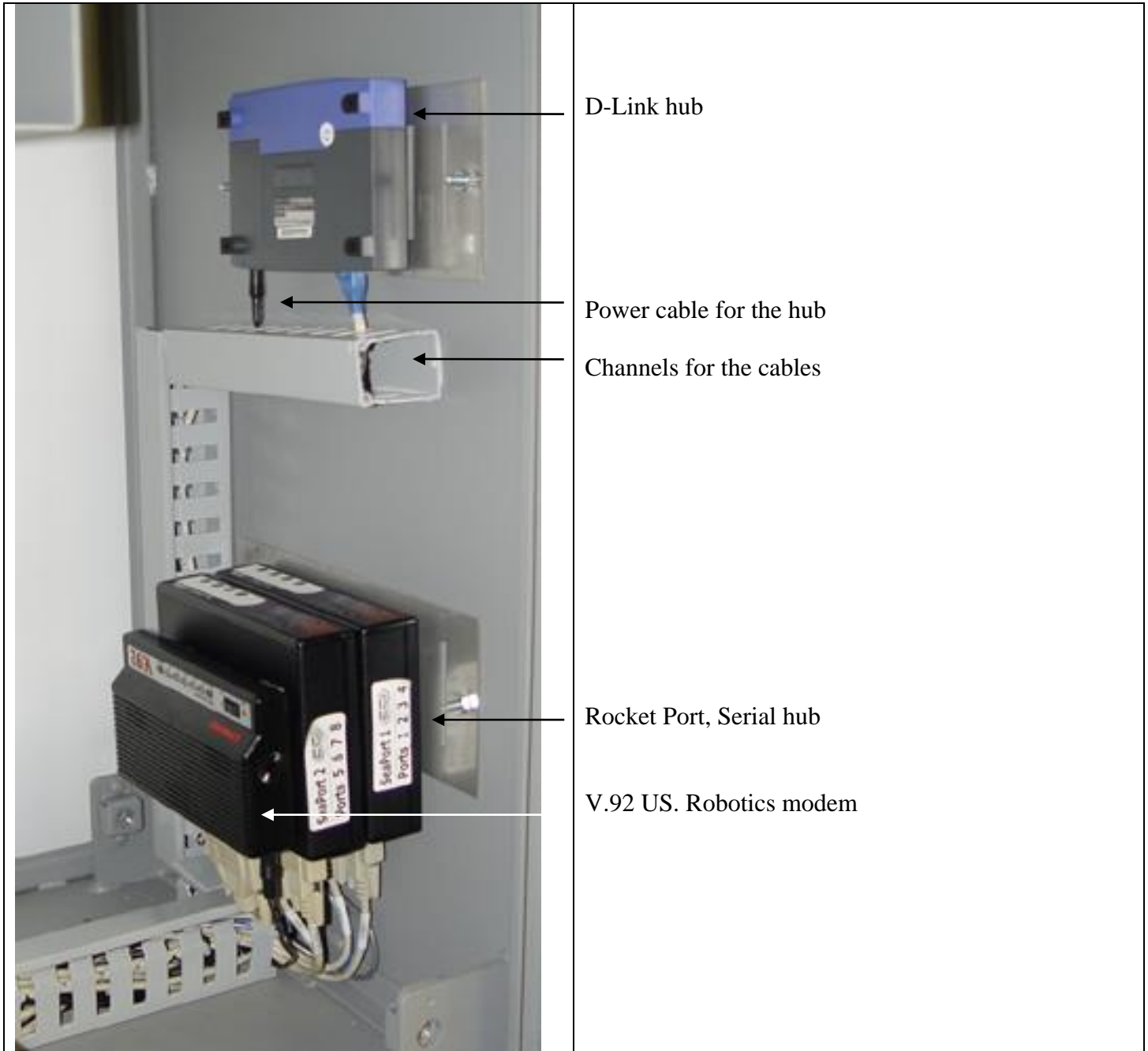
15 V power supply

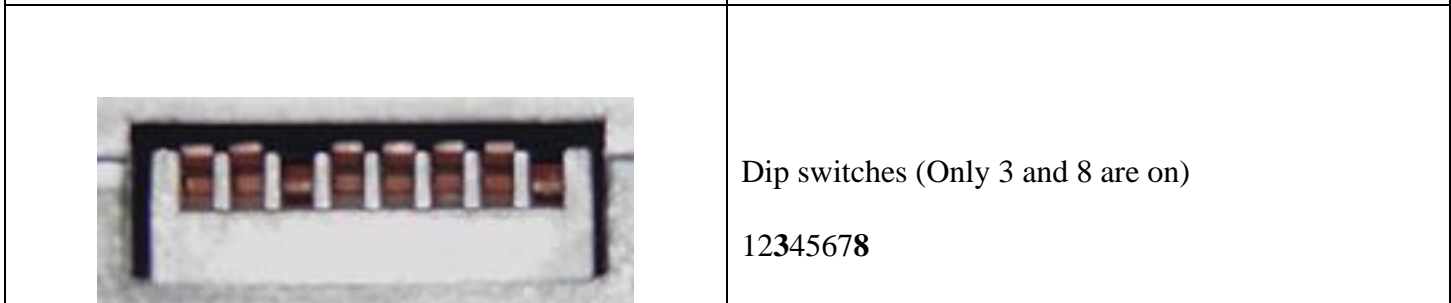
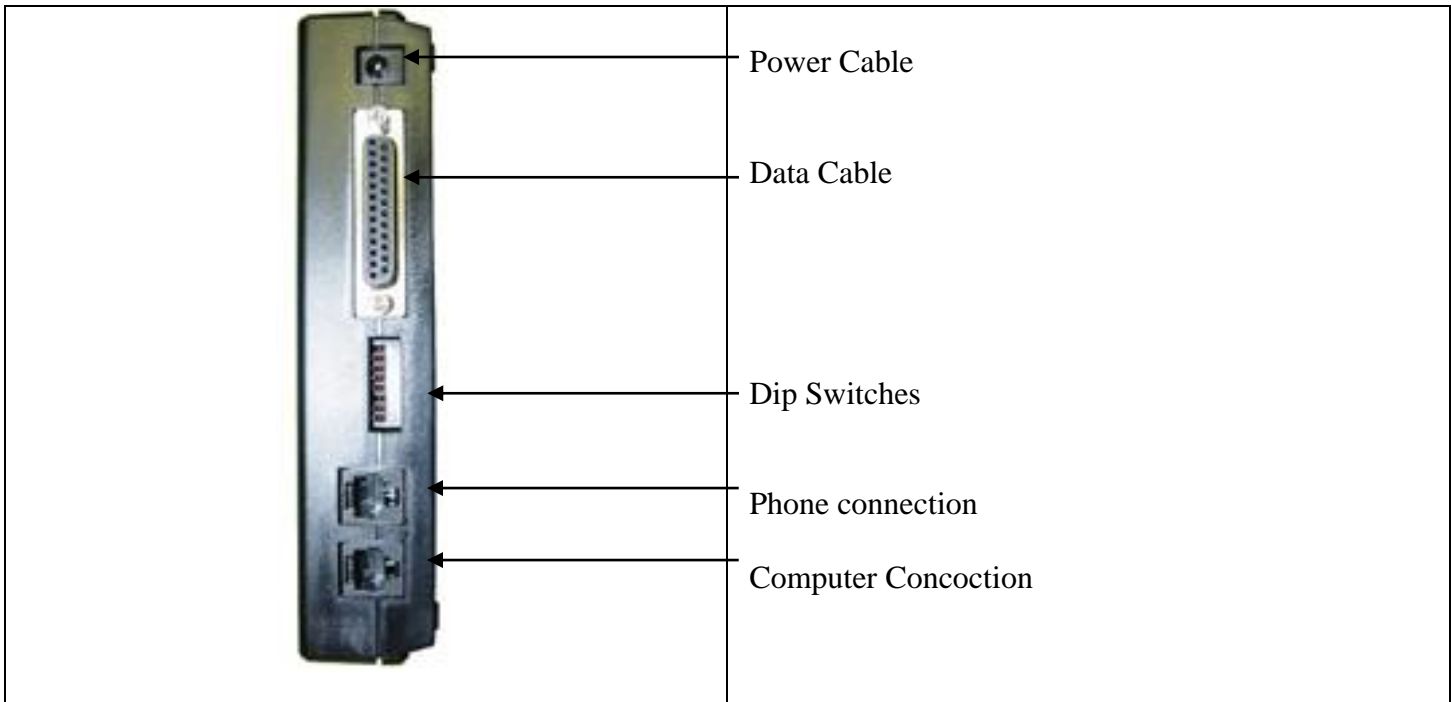


Another view of the above components

Section C:

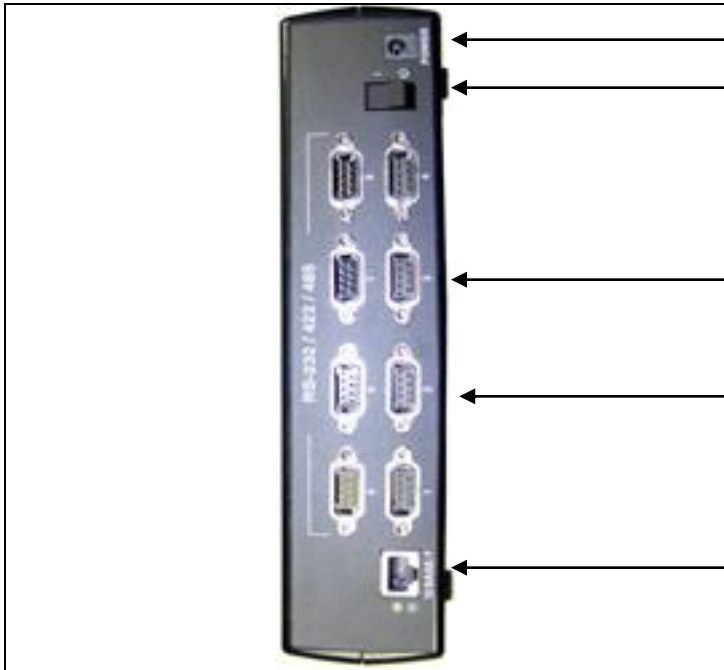
Left side of the X-Changer







Rocket Port, Serial hub



Power connection
Power On/OFF switch
Female, 9 pin serial connections
Female, 9 pin serial connections
Ethernet connection



Front view of Sea Level 4 port hub



Rear view of the Sea Level port hub



Front view of a 8 port Sea Level serial hub



Rear view of a 8 port Sea Level serial hub

Section D:

Card dispenser board, located under the monitor

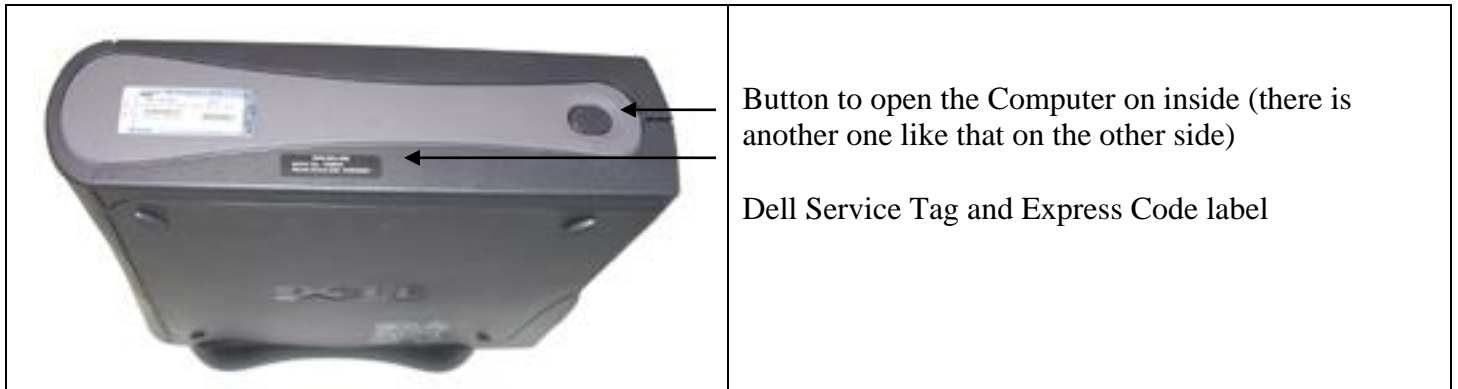


Section E:

This section provides information about different Dell computer models and the ports layout used by Dell. The Dell models used in the X-Changers are GX150, GX260 and GX270. They all look alike from the front.

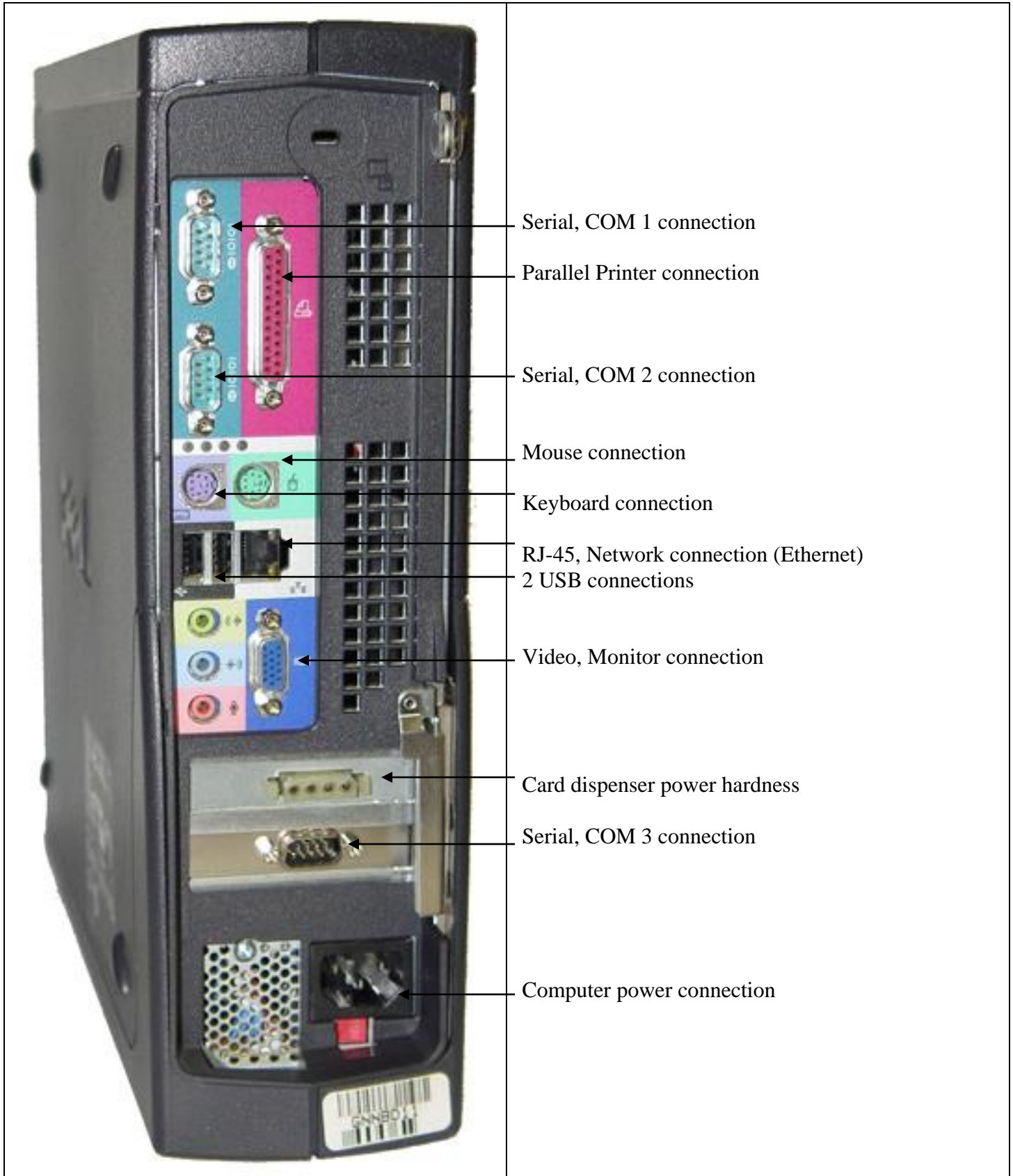


Another important details are, Dell Service Tag Number and Express Code, located on the top of the computer.

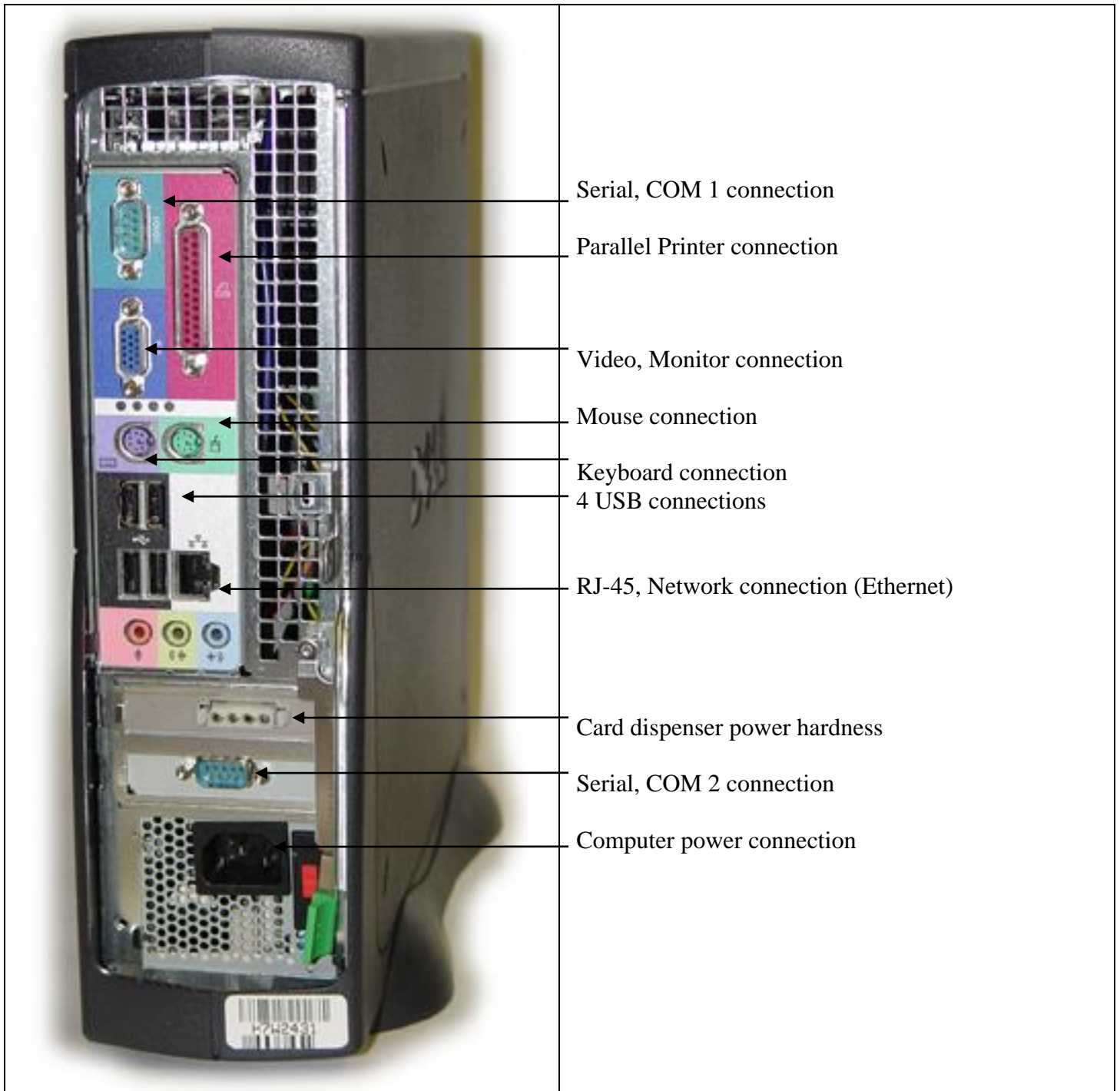


All 3 models of Dell GX150, GX260 and GX270, vary somewhat with the ports layouts on the back.

GX150



GX260





GX270

--	--

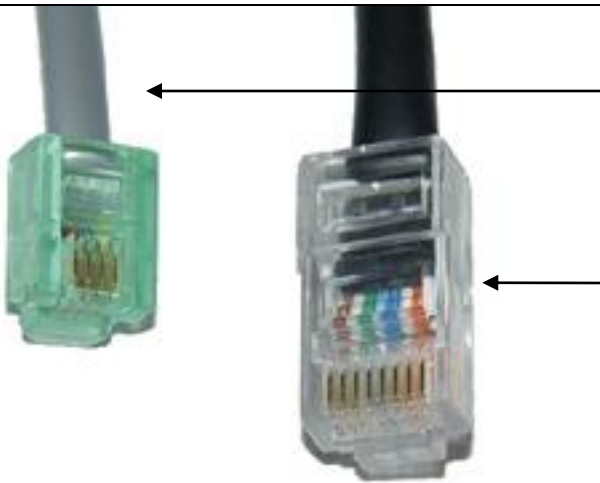
Section F:

Different connectors commonly used with computers and other computing peripherals.

 A black USB Type-A connector at the end of a black cable. The connector is rectangular with a silver metal contact area at the bottom.	<p>USB Connector – This end connects to the computer</p>
 A black USB Type-B connector at the end of a black cable. The connector is larger and more rectangular than the Type-A connector, with a silver metal contact area at the bottom.	<p>USB Connector – This is the other end and this site connects to the device using the USB connection.</p>
 A black power cable with a standard three-prong electrical plug. The plug has two flat blades and a round grounding pin.	<p>Power Cable – This end connect to the power outlet in the wall.</p>



Power Cable – This end connects to the computer.



RJ 11 – Typical phone connector.

RJ 45 – Network connector.



Serial connector – There are 4 types of serial connectors. 9 pin male, 9-pin female, 15 pin male, and 15-pin female.



9 pin male



9 pin female



15 pin male



15 pin female

CCI Printer and print Server



Front over view of the Brother printer



This is where you find the ink cartage for the printer, all models are the same.



This is the printer ink cartage



This is where you load the paper.



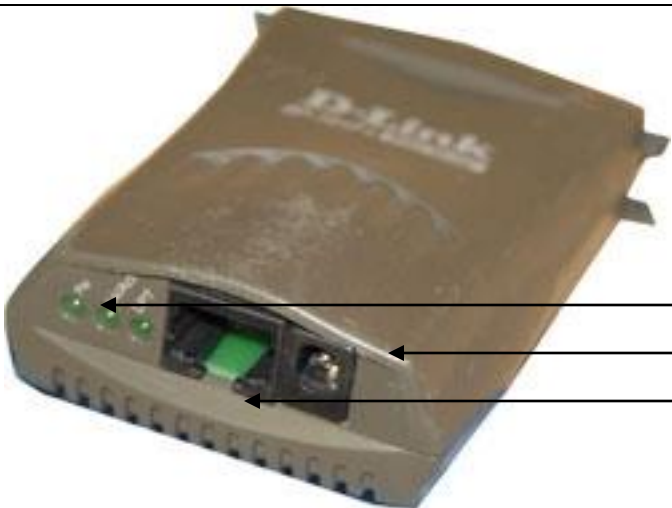
This is the rear view of the printer



This is where you connect D-Link print server on the printer. Right into the parallel connector and then you have to lock it with to lock arms located on each end of the unit.



D-Link, print server front over view



D-Link, print server rear over view.

3 green lights indicating the communication
Power supply connection
Ethernet connector

CCI Parts List



C-0010

Grey Bezel for CR Assy



C-0011

Neoprene card reader Gasket



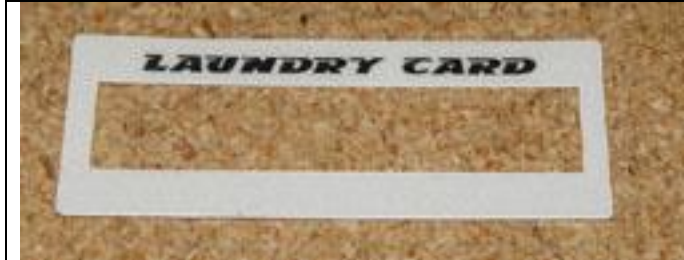
C-0012

Lens for CR Bezel



C-0013

Neoprene/EPDM/SBR Spacer



C-0014

Lens cover graphic



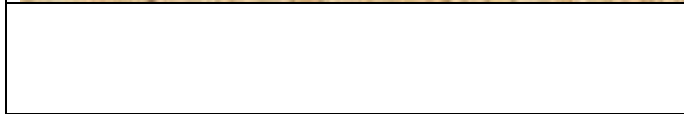
C-0015

Reader Cover Graphic



C-0016

Card Reader Insulation



C-0018

Card reader cover



C-0020

1/2 Card Reader Part



C-0030

Instruction panel-Cont.



C-0031

Instruction Panel-Dexter



C-0032

ADC Coin Drop Label



C-0033

Alliance Stack Dryer Label



C-0035

Alliance TL Cover Label



C-0050

Personalized Laundry Cards



C-0080

Card Reader Micro.



C-0090

Card Reader Board w/ read head & Display



C-0095

Card Reader Battery Assy.



C-0100
Card Reader Assy.




C-0100VC
Value Station Card Reader




C-0100RR
Rep./Reworked Card Reader

C-0101
Card Reader Assy. - V2

C-0101-INV

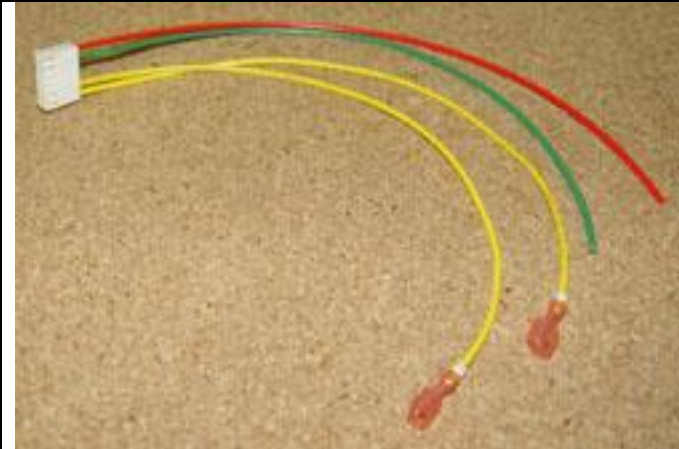
	<p>Inverted Card Reader Mod. C-0101RR</p> <p>CARD READER, RECONDITIONED</p>
--	---

	<p>C-0104</p> <p>MDB Interface Board</p>
---	--



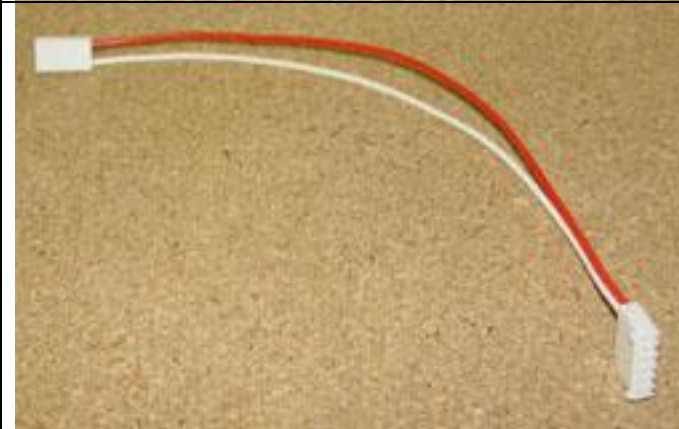
C-0105

Vendrite Roayl200 Harness



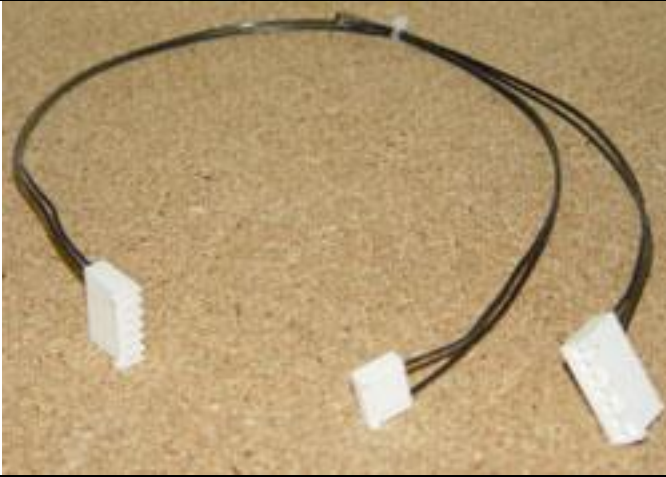
C-0108

Aurora Start Harness



C-0109

Heusch FL Micro Harness



C-0110

Alliance MDC Start Harness

C-0111

Wasco Emerald6 & TD Harness



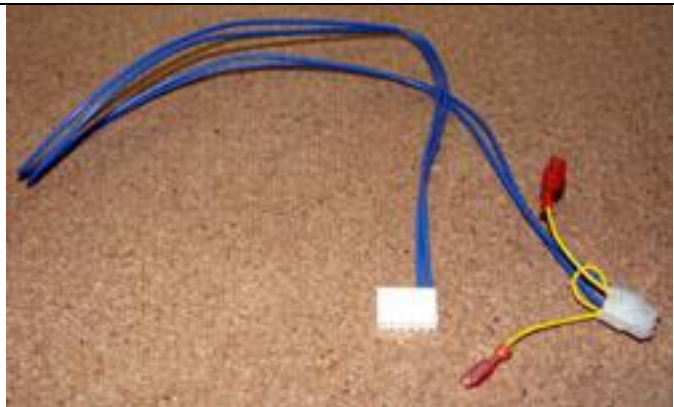




C-MP01

Mouse Pad



C-BR01

Brochure

	<p>C-0112R1</p> <p>Alliance EDC Start Harness</p>
	<p>C-0113</p> <p>2 Wire Harness Cont.</p>
	<p>C-0114</p> <p>4-Wire Harness</p>
	<p>C-0114R1</p> <p>4 Wire Fused Harness - Cont</p>
	<p>C-0115</p> <p>4 Wire Harness Wasco</p>



C-0116

2-Wire Harness



C-0116F

Whirlpool 2 Wire Fused Harness

C-0117

Maytag Interface Harness



C-0118

ADC Interface Harness



C-0119R1F
Wasco Gen6 Rotary Harness



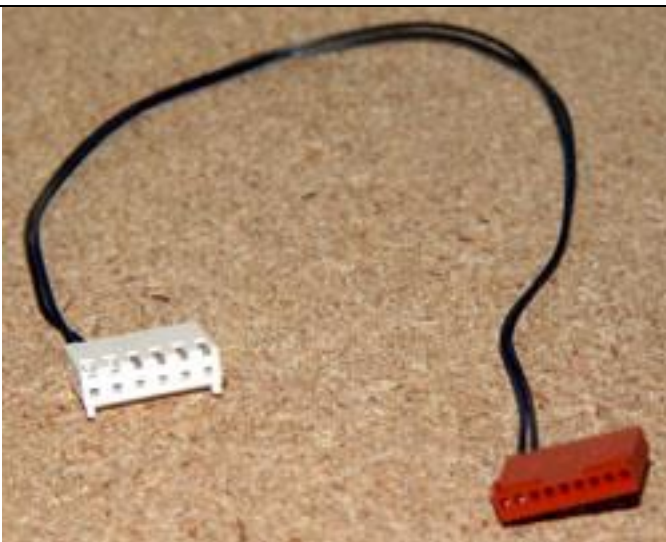
C-0120
RJ45 Coupler



C-0121
P3200 Dbl Ctd PE Foam Tape



C-0122
Wire Spade Taps



C-0123
MDB Vend Harness - Single



C-0124

MDB Output Harness



C-0130

Mounting bracket for Sq Box



C-0130A

Mounting bracket for Sq Box (Used)



C-0131

8-32 x 2 3/4 Hex Stand Off



C-0132

8-32 x 2 Standoff

C-0133

	<p>8-32 x 1-1/2 Stand Off C-0134 8-32 1" F-F Stand Off</p>
	<p>C-0140 Cap Screw 8-32 Thread x 3/4"</p>
	<p>C-0141 Cap Screw 8-32 Thread x 1-1/2</p>
	<p>C-0142 Cap Screw 10-32 Thread x 1.5"</p>
	<p>C-0143 8-32 x 2-1/4 Phillips</p>
	<p>C-0150</p>



C-0151



C-0174

3FT UTP CAT5 Cable



C-0175

7Ft. UTP Cat5 Cable



C-0176
10Ft. UTP Cat5 Cable



C-0177
14Ft. UTP Cat5 Cable



C-0178
25Ft. UTP Cat5 Cable



C-0179

50Ft. UTP Cat5 Cable





C-0180

75Ft. UTP Cat5 Cable



C-0181

100ft. UTP Cat5 Cable

	<p>C-0301</p> <p>Topload Mounting Bolt</p>
	<p>C-0500</p> <p>Distribution PCB</p>
	<p>C-0501</p> <p>Slave Distribution Board</p>
	<p>C-0503</p> <p>Aluminum Male-Female</p>
	<p>C-0505</p> <p>2 position Terminal Block</p>
	<p>C-0506</p> <p>3 Position Terminal Block</p>



C-0510

6 Outlet Surge Strip

C-0520

256mb RAM Upgrade for L



C-0521

256mb RAM Upgrade -150/240



C-0522

256mb RAM Upgrade -GX260





C-0597

GX150 Optiplex Computer



C-0598

GX240 Optiplex Computer



C-0599

GX260 Optiplex Computer



C-0600

GX270 Optiplex Computer



C-0600HD

GX - Optiplex Hard Drive



C-0605

US Robotics External Modem



C-0606

6' Modem Cable 9F-25M



C-0607

Card Dispenser Interface





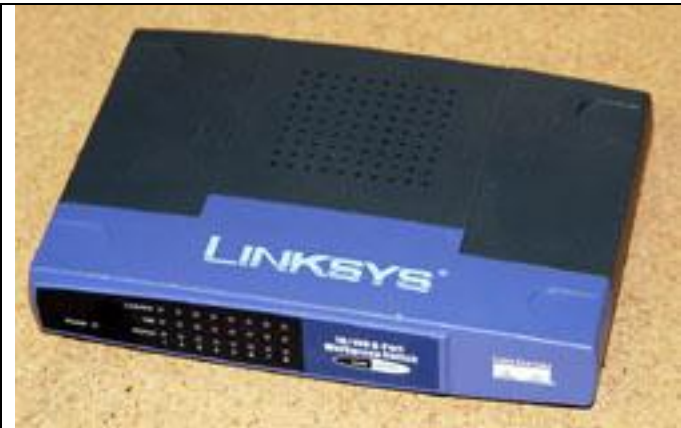
C-0608

CECB1 Board

C-0609

Special Kit for CECB1 - Mars

	<p>C-0610</p> <p>CECB1 Adapter Cable</p>
	<p>C-0611</p> <p>BNA RS232 Interface Cable</p>
	<p>C-0612R1</p> <p>Card Dispenser Cntl Cable</p>
	<p>C-0620</p> <p>D-Link Ethernet Print Server</p>
	<p>C-0622</p> <p>3Com 10/100 Managed PCI NIC</p>



C-0625

Ethernet HUB



C-0650

Brother HL-1240 Printer



C-0651

HL-1440 Brother Laser Printer



C-0655
Receipt Printer



C-0660
IEEE Printer Cable 10'



C-0700
Door Mounting Plate



C-0800

Door Mounting Plate



C-0900

Continental Coin Drop Cover



C-0902

Cont. Aurora Mounting Plate



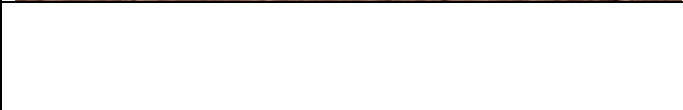
C-0905

Dexter STK Dryer Coin Cover



C-0907

Wascomat TD 3030



C-0910

Whirlpool TL Cover "Old"



C-0911

Whirlpool TL Cover "New"



C-0912

Maytag Metercase Cover

C-0915

Unimac Coin Drop Cover

C-0920

Mounting Insert - Wascomat



C-0925

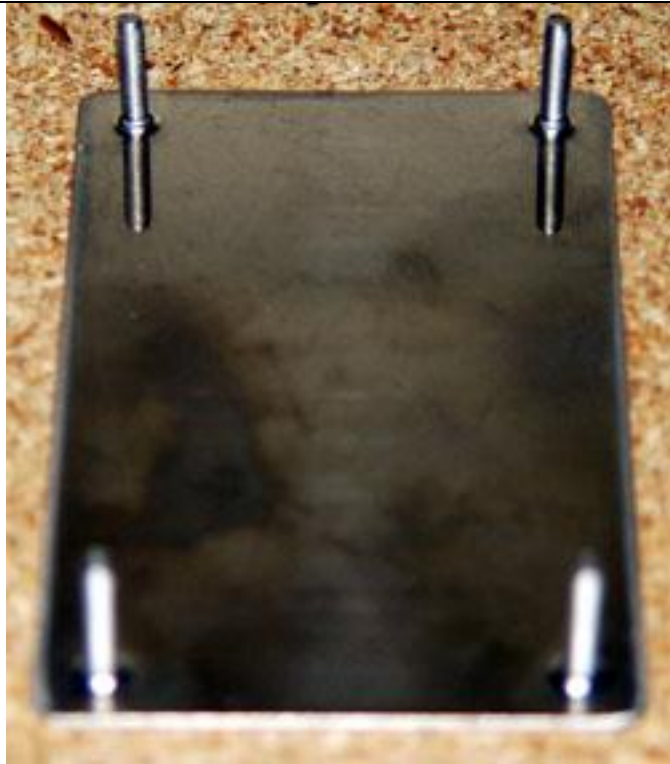
Insert/Bracket - American330



C-0925A



C-0925B



C-0926

Coin Drop Cover - American330

C-0927

ADC 235 EZ Adapter

C-0929

ADC Vault Service Lock

C-0930

Mont Bracket Unimac/American50



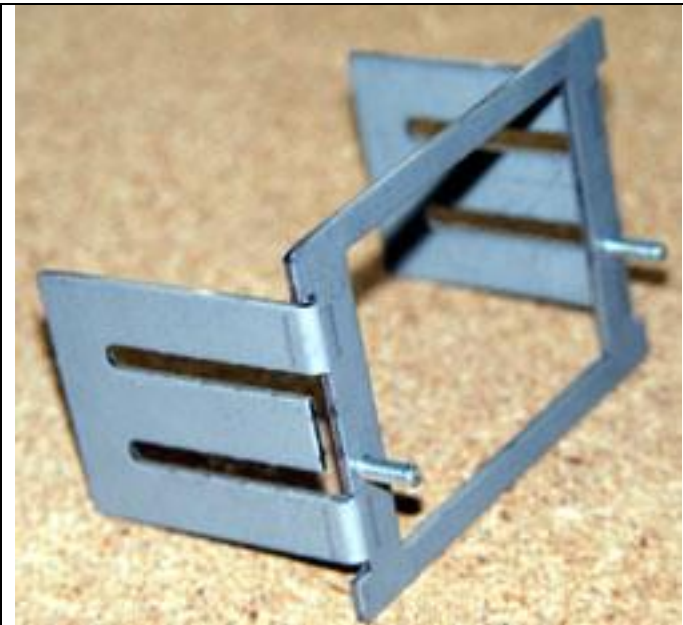
C-0932

Alliance Topload Mount



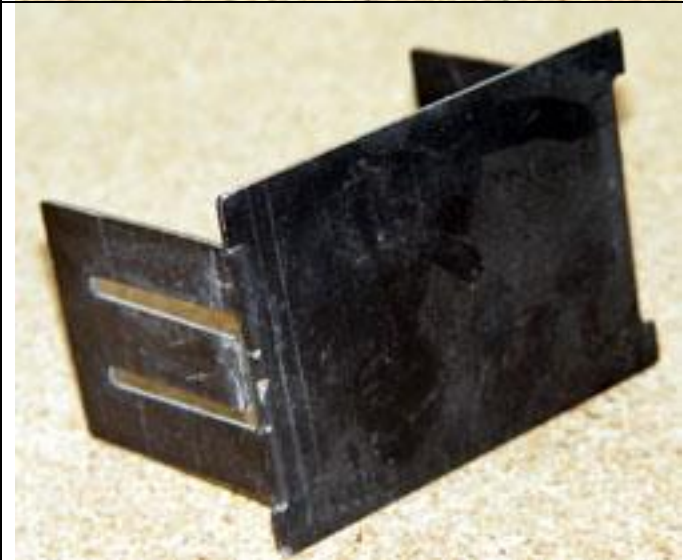
C-0935

Alliance FL Washer Mounting



C-0936

Alliance Tumbler Mount



C-0938

C-0940

Coin Vault Cover Kit



C-0959

Optiplex GX260 Computer



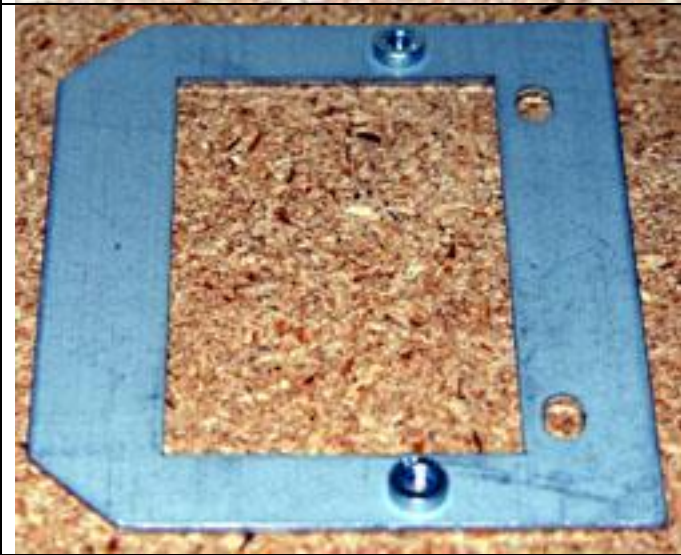
C-0960

Face Plate Ipso



C-0961

Ipsos Jam ring



C-0965

TD30-30 Mounting Plate



C-0966

TD3030 SS Cover Plate



C-0970

Heusch Stack Dry - Bracket

C-0971

Alliance Stack Dry Vault Mount



C-0990

Galvanized mounting bracket

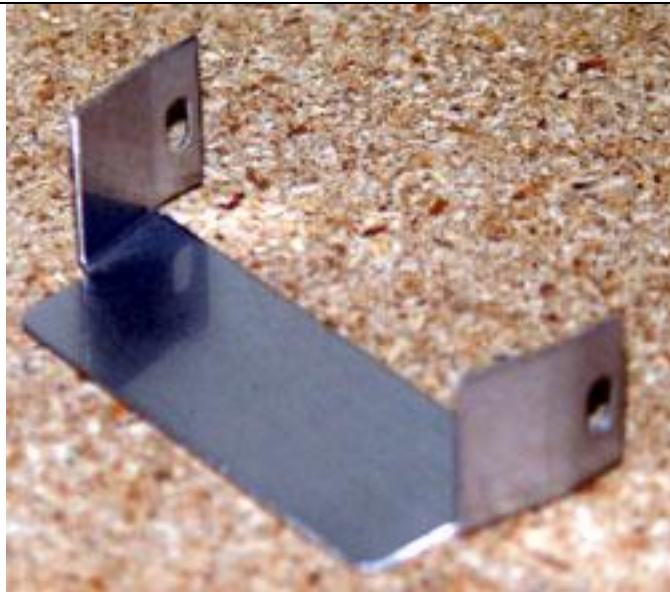


C-0991

Dispenser Card Slide Bracket

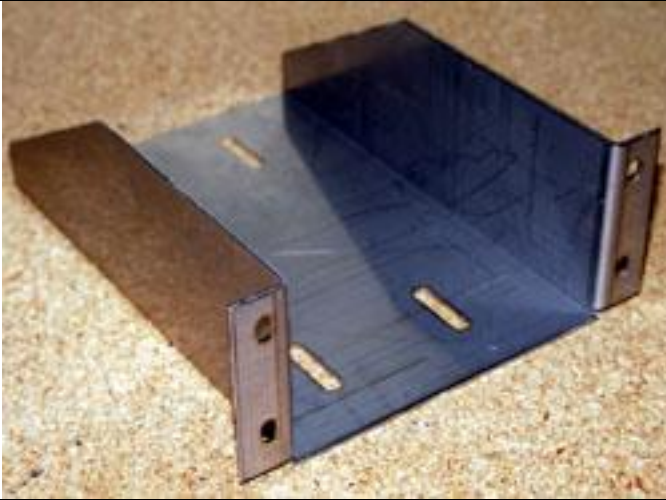
C-0992

Dispenser Card Slide Brkt V2



C-0993

Dispenser Card Guide - Asahi



C-0995

Card Dispenser shelf



C-0999

8-32 Phil 2" Screw

C-1000BILL MEG

C-1002

Mars AE2831-D10E BNA

C-1002R

C-1003

RS232 Series 2000 Cable





C-1004

Re-built Mars LE3800



C-1005

Mars Validator LE3811-DL

C-1005R

Mars Validator, LE3811



C-1006

600 Bill Magazine



C-1007

1000 Bill - NLC. Removable

C-1008

Upgrade to LE3900 w/ Lockable 600 Bill Cassettes

C-1010



Welch Allyn 37000 Fixed Mount

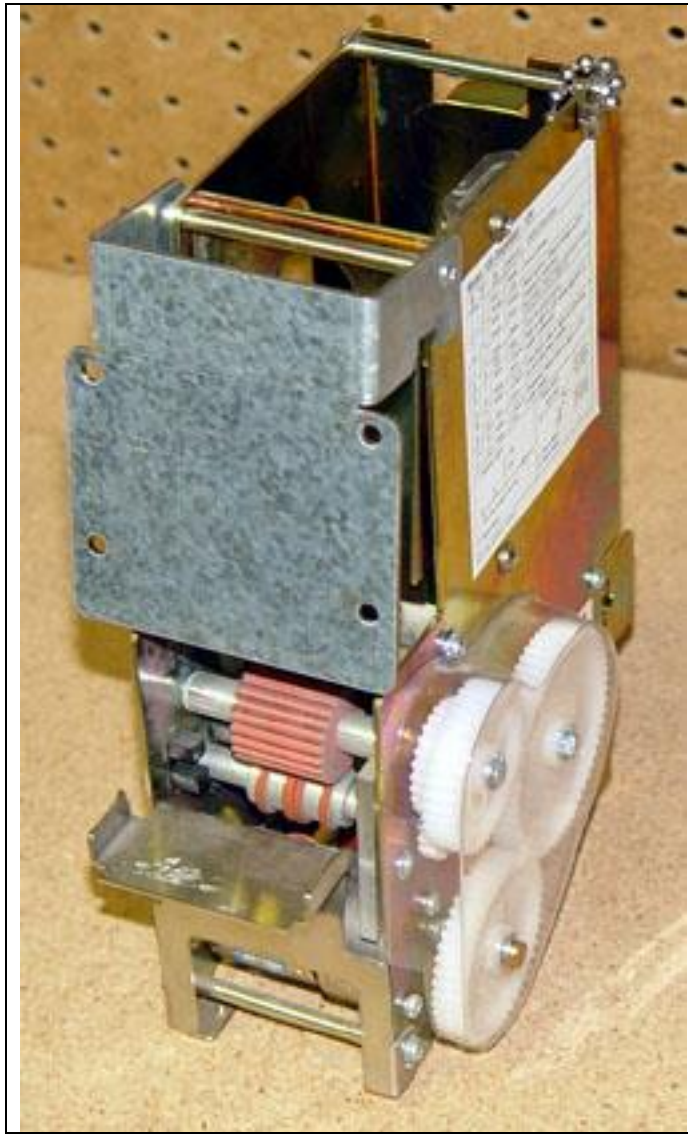


C-1012

6-32 x 1/4 Philips Kep

C-1013

	<p>6-32 Kep Nut C-1014 6-32 Philips Kep - 3/4"</p>
	<p>C-1015 Special #6 Washer</p>
	<p>C-1018 5v - 15v Cross Over Cable</p>



C-1020

Model 100 12v Card Dispenser



C-1025

Asahi Seiko Card Dispenser



C-1026

SIIG Low profile PCI serial



C-1027

RS-232/422/485 Interface



C-1028
8 Port SeaPort



C-1029
Single Port USB to RS232



C-1030
Rocketport Serial Hub Si8P



C-1031

4 Port RS-232/422/485



C-1032

Y-Harness/Disp. Power



C-1033

Optiplex Power Harness Blank



C-1034
CD Power Harness



C-1035
DB9 - RS232 Cables



C-1036
25' DB15HD M-M Cable



C-1036A

6' DB15 M-M Xover Cable



C-1037

BNA Power Cable



C-1037R1



C-1038

Barcode Scanner/Power Cable



C-1039

XCP Interface Cable



C-1039A

6' RS232 Cable F-F

C-1040

APC Back-UPS Pro 420



C-1041

Tripp-Lite Internet Off. 500



C-1042

8-32 Kep Nut



C-1042N



C-1043

8-32 Flat Head, Philips 1-3/4

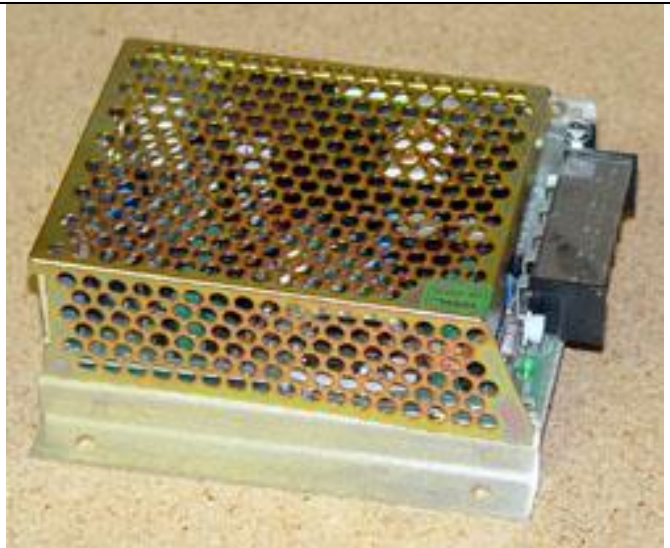


C-1044

M3 x 8mm Philips Hd Screw

C-1044N

M3 Kep Nut



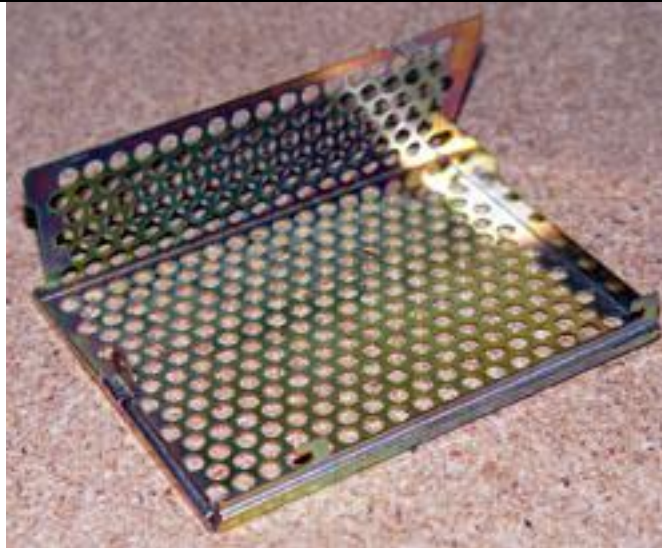
C-1045

5v 10a Power Supply



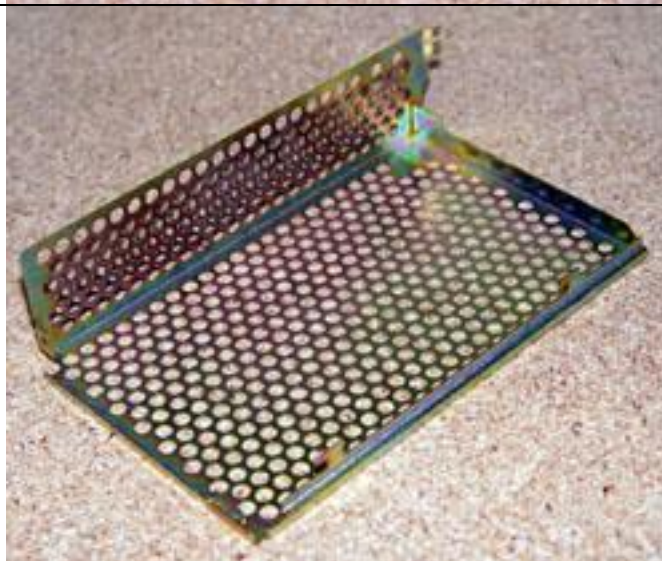
C-1046

15v 7a Power Supply



C-1047

R100 Power Supply Cover



C-1048

R50 Power Supply Cover



C-1050

ELO Touch Monitor 15"



C-1052

ELO 15" Rear Mount - USB

C-1057

15" LCD Rear Mount Touch Scr



C-1059

10-32 Kep Nut, Zinc

C-1060

	<p>M3 Kep Nuts C-1061 1/2 x 1 Hex Socket Bolt</p>
	<p>C-1062 4-40 Kep Nut</p>
	<p>C-1063 8-32 x 3/8 Philips Kep</p>



C-1064

#8 Washer 1/2" OD - Zinc



C-1065

1/2 x 1-1/2 Hex Socket Bolt



C-1067

4-40 3/8" Phil-Pan Screw

C-1070

1/4 x 1-1/4 Hex Lag Screw



C-1105

Thermal Circuit Breaker, 5A

C-1205

Sub Panel



C-1206

Power Supply Bracket



C-1207

Circuit Breaker Enclosure



C-1208

Hub Mounting Plate



C-1210

1/4" Kep Nut



C-1250

Medeco Plug Lock

C-1251

Lock Cores w/Keys



C-1252

Conical Compression Spring

C-1275

Orion Cooling Fan

C-1276

48" AC Cord for Cooling Fan





C-1277
Finger Guard/Cooling Fan



C-1280
AC Power Cord 6'


C-1370
Cable Duct & Cover

C-1400
Steel security cabinet

C-1400-05
Long Graphic Frame

C-1400-06
Short Graphic Frame

C-1403
Graphic Brkt - Set (4pieces)

	<p>C-1405</p> <p>Cabinet Lock Handle</p>
	<p>C-1412</p> <p>Plexi .187 front door</p>
	<p>C-1414</p> <p>Plexi .063 front door</p>
	<p>C-1415</p> <p>Lexan Silk Screening w/ 2mil Laminate Film Cover</p>
	<p>C-2000</p> <p>Personalized Laundry Cards</p>
	<p>C-2MANAGECARD</p> <p>Manager Card</p>
	<p>C-2PROGRAM</p> <p>Program Card</p>



	<p>C-5000</p> <p>Onsite setup & config</p>
	<p>C-7120</p> <p>Flat Panel Touchscreen</p>
	<p>C-7125</p> <p>15" Desktop Touchscreen</p>
	<p>C-7127</p> <p>15" LCD Touch Screen w/MSR</p>
	<p>C-7130</p> <p>15" Monitor</p>



C-7140
Mag Stripe Wedge



C-7150
4 Channel DVR

C-7160
Color Dome Camera

C-7165
Color Dome Camera w/ Varifocal Lens (f4~8mm)

C-7170
Clr Impact Outdoor Camera



C-7200

4 Channel Power Supply



C-7210

8 Channel Power Supply



C-7506

RG59U coax with 18/2 Siamese

C-7600

S Video To VGA Converter

COUPLER

15 Pin F-F Coupler