

Application Note 140

Selection Guide - UMD Base Cash Drawers

Unique Micro Design (UMD) offers a variety of cash drawers with interfaces to suit a variety of hardware and software configurations.

Features	Model 125	Model 126	Model 127	Model 128
Dimensions (mm)	460(w)x460(d) x 125(h)	420(s)x450(d)x110(h)	460(w)x450(d)x115(h)	410(w)x415(d)x115(h)
Colour	Beige	Beige	Beige, stainless steel drawer front	Beige, stainless steel drawer front
Weight Construction	11kg Metal	10kg Metal	8kg Metal	8kg Metal
Note - compartments - Adjustable	5 Yes	5 Yes	5 Yes	5 Yes
Coin - compartments - Adjustable	6 Yes	8 No	9 Yes	9 Yes
Drawer Lock	2 position (anticlockwise to open)	3 position (clockwise to open) (anticlockwise to lock)	3 position (anticlockwise to open) (clockwise to lock)	3 position (anticlockwise to open) (clockwise to lock)
Emergency release	Lever inside drawer	Lever under drawer at rear	Lever accessed through hole at centre rear, under drawer	Lever accessed through hole at centre rear, under drawer
Solenoid Rating	18 - 24 V dc	24 V dc	24 V dc	24V dc
Solenoid Resistance	22 ohm	38.5 ohm	41 ohm	37 ohm
Status Switch	Yes	No	Yes	Yes
Media Slot	No	No	No	No
Bell Installed	No	Yes	No	No
- Inserts (additional) - Lockable lids - Coin Dividers	6-0125-901-4 6-0125-902-2 6-0125-908-1	6-0126-901-9 6-0126-902-7 -	6-0127-907-4 6-0127-902-2 -	6-0128-901-9 6-0128-902-6
Base Cash Drawer(2) - with RJ12 modular connector	9-0125-100-1	9-0126-100-6	9-0127-100-1	9-0128-100-1
Interface Options (4) - T (Trigger) - I (Intelligent)	9-0125-200-7 9-0125-400-9	9-0126-200-2 -	9-0127-200-7 -	9-0128-200-0 -
Suppliers Part Code	DL3615 Casio	CBM4085	GC52	GC33

Features	Model 129	CDJ 400	CDY 410	CDO 435
Dimensions (mm)	480(w)x500(d)x125(h)	400(w)x420(d)x112(h)	410(w)x420(d)x110(h)	440(w)x450(d)x120(h)
Colour	Beige with stainless steel drawer	Beige	Black	Beige
Weight Construction	13kg Metal	9.5kg	7.5kg	10.5kg
Note - compartments - Adjustable	5 Yes	4 Yes	5 Yes	5 Yes
Coin - compartments - Adjustable	9 5 Yes / 4No	8 No	8 Yes	10 5 Yes / 5 No
Drawer Lock	3 position (anticlockwise to open) (clockwise to lock)	3 position (anticlockwise to open) (clockwise to lock)	3 position (anticlockwise to open) (clockwise to lock)	3 position (anticlockwise to open) (clockwise to lock)
Emergency release	Lever inside drawer	Lever under drawer at rear	Lever under drawer at rear	Lever under drawer at rear(screw cover must be removed to access)
Solenoid Rating	24 V dc	24 V dc	24 V dc	24 V dc
Solenoid Resistance	26 ohm	27 ohm	27 ohm	46 ohm
Status Switch	Yes	Yes	Yes	Yes
Media Slot	Yes	Yes	Yes	Yes
Bell Installed	No	No	No	No
Accessories (1) - Inserts (additional) - Lockable lids - Coin Dividers	6-0129-901-8 6-0129-902-5 -	9-7800-3805 - -	9-7800-180-1 9-7800-181-5 -	9-7800-280-8 9-7800-281-5 -
Base Cash Drawer(2) - with RJ12 modular connector(3)	9-0129-100-2	9-7800-300-3	9-7800-100-9	9-7800-200-6
Interface Options(4) - T (Trigger) - I (Intelligent)	- -	- -	- -	- -
Suppliers Part Code	GC80	CDJ-400	CDY-410	CDO-435

Notes

(1) Part numbers shown for ordering.

(2) **Base Cash Drawers** are equipped with Solenoids only, and are designed to connect to POS printers such as the Citizen, Epson, Star range of printers. The Base cash drawers are provided with either, Modular connector, 4 way connector, or 3 way

(3) Connector type:

	Suitable POS printers and interface cables
Modular connector	RJ12, suitable for direct connection to Epson, Star and Citizen POS printers with modular socket.
4 pin connector (No longer supplied by UMD)	Suitable for direct connection to early Citizen IDP3500 series printers. For other printers an interface cable is required: 2-6015-010-5 cable for Epson and Star printers 2-6045-020-9 cable for 2 x Citizen IDP3500 series 2-6111-020-0 cable for UMD ProtoLink
3 Pin connector (No longer supplied by UMD)	Not suitable for direct connection to most POS printers, requires an interface cable: 2-5304-010-6 cable for Star printers 2-5317-010-7 cable for early Citizen IDP3500 series 2-6009-010-6 cable for Epson printers 2-6035-020-5 cable for UMD ProtoLink

(4) Interface options. UMD installs electronic modules into the cash drawers for other interface requirements. There are two modules **T type (Trigger)** and **I type (Intelligent)**.

T-type (Trigger) These modules are connected to either an RS232 serial or parallel port (dependant on cable only). Any data sent to the port will trigger the cash drawer to open. Both T type drawer and printer may be connected to a single port via a "y" cable. This arrangement is generally suitable for most POS applications as cash the drawer opens each time a receipt is printed. Cables for Triggers interfaces are shown below:	
2-5158-020-9 2-5178-020-7 2-5184-020-1 2-5185-020-6 2-5225-020-5 2-6098-020-4	Trigger cash drawer to: PC D9 RS232 serial port PC D25 RS232 serial port Terminal auxiliary D25 port PC parallel port (LPT1) PC parallel port & parallel printer (Y-cable) 2 x D9 RS232 serial port (2 comp 1 cash drawer)
I-Type (Intelligent). Intelligent cash drawers are used where only a single serial port is available for POS peripherals. The Intelligent cash drawer has one serial port for connection to the host system or PC and a second auxiliary port for attachments to peripherals such as printers. The intelligent cash drawer looks for a specific, user configured, control sequence which opens the cash drawer. All other data is passed through to the auxiliary serial port. Interface cables available are listed below:	
2-5101-020-7 2-5210-020-6 2-5211-020-1 2-5231-020-9	Intelligent cash drawer host to: Host or Aux port to PC D25 serial port Aux port to Serial printer Host or Aux port to PC D9 serial port Host port to Terminal auxiliary D25 serial port

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