



Electronic Cash Register

The Best Style with powerful performance and compact design for the small business

- Simple and Compact Design
- Low-End ECR with Thermal Printer
- Large LED and Comfortable Keyboard for Easy Operating
- Powerful Software like as 500 PLU, 16 Department, 10 Clerk
- Various Hardware Options



.

<u>ER-180U</u>

ER-180U targets the small retail and hospitality sector. With more powerful features than is predecessor, the ER-180U is an excellent entry level cash register.

Key Feature

- Support Thermal Printer
- Raised 48 Keys and Key-cap option
- Large 8 digits LED Display for Operator and Customer
- Small and Large Drawer
- 16 Department, 500 PLU, 4 TAX
- Take up spool Option
- Easy Operation and Reports
- Programmable Descriptors







Operator Display

Key-cap Keyboard

Thermal Printer



Customer Display



Drawer

Specification Model

FrinterImage: fright statis frig	Model		ER-180U
PrinterPaper Width57.5mmPaper end sensorYesDisplayOperatorLarge 8 digits LED, 7 segmentDisplayCustomer(Option) Large 8 digits LED, 7 segmentKeyboardRaised48 keys (Option: key-cap type)SystemCPU32bit (LPC1519, NXP)MemoryProgram256KByte FLASH (CPU Internal)MemoryData90 DaysInterfaceRS-232CUse only firmware updateProgramER180U: 4b/4c, ER180UDL: 4b/8cDrawerPort1 PortPort1 PortEnvironment ConditionTemperaturePowerAdapter DC 7.5V/2.5AMemoryDimension (with Drawer)ER180U: 3.8Kg, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 325x420x212SoftwareClerkMax. 500ClerkClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk	Printer	Туре	1 Station Thermal
Paper Width57.5mmPaper end sensorYesDisplayOperatorLarge 8 digits LED, 7 segmentDisplayCustomer(Option) Large 8 digits LED, 7 segmentKeyboardRaised48 keys (Option: key-cap type)SystemCPU32bit (LPC1519, NXP)MemoryData96KByte FLASH (CPU Internal)MemoryData90 DaysInterfaceRS-232CUse only firmware updateProgramER180U: 4b/4c, ER180UDL: 4b/8cPrawerTypeER180U: 4b/4c, ER180UDL: 4b/8cConditionHumidity30-80%RHAppearancePowerAdapter DC 7.5V/2.5AMemoryER180U: 3.8Kg, ER180UDL: 3.25X420x212SoftwareKeyboard DepartmentsItomision (with Drawer)ER180U: 3.8Kg, ER180UDL: 3.25X420x212SoftwareClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk		Speed	65mm/sec (17.3 line/sec)
DisplayOperatorLarge 8 digits LED, 7 segmentCustomer(Option) Large 8 digits LED, 7 segmentKeyboardRaised48 keys (Option: key-cap type)SystemCPU32bit (LPC1519, NXP)MemoryProgram256KByte FLASH (CPU Internal)MemoryData90 DaysInterfaceRS-232CUse only firmware updatePort1 PortPort1 PortEnvironment ConditionTemperature-5 - 45°c (23-113°F)MemoryPowerAdapter DC 7.5V/2.5AMemoryDimension (with Drawer)Environment ConditionEn180U: 400x450x215, En180UDL: 325x420x212WeightEn180U: 3.8Kg, ER180UDL: 3.5X420x212WeightEn180U: 3.8Kg, ER180UDL: 8.1KgKeyboard Departments16PLU'sMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk		Paper Width	57.5mm
DisplayCustomer(Option) Large 8 digits LED, 7 segmentKeyboardRaised48 keys (Option: key-cap type)SystemCPU32bit (LPC1519, NXP)SystemProgram256KByte FLASH (CPU Internal)MemoryData96KByte Serial-EEPROMData90 Days90 DaysInterfaceRS-232CUse only firmware updateDrawerTypeER180U: 4b/4c, ER180UDL: 4b/8cPort1 Port1 PortEnvironment ConditionTemperature-5 - 45°c (23-113°F)AppearanceDimension (with Drawer)ER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 3.25x420x212WeightER180U: 3.8Kg, ER180UDL: 8.1KgSoftwareKeyboard Departments16PLU'sMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk		Paper end sensor	Yes
Customer(Option) Large 8 digits LED, 7 segmentKeyboardRaised48 keys (Option: key-cap type)SystemCPU32bit (LPC1519, NXP)MemoryProgram256KByte FLASH (CPU Internal)MemoryData96KByte Serial-EEPROMData90 DaysInterfaceRS-232CUse only firmware updateDrawerTypeER180U: 4b/4c, ER180UDL: 4b/8cPort1 PortEnvironment ConditionTemperature-5 - 45°C (23-113°F)MemoryMemoryER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 325x420x212Keyboard Departments OcientMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk	Dicalay	Operator	Large 8 digits LED, 7 segment
NoticityCPU32 bit (LPC1519, NXP)SystemCPU32 bit (LPC1519, NXP)MemoryData256KByte FLASH (CPU Internal)Data90 Days90 DaysInterfaceRS-232CUse only firmware updateDrawerTypeER180U: 4b/4c, ER180UDL: 4b/8cPort1 PortEnvironment ConditionTemperaturePowerAdapter DC 7.5V/2.5ADimension (with Drawer)ER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 8.1KgSoftwareKeyboard Departments16PLU'sMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk	Display	Customer	(Option) Large 8 digits LED, 7 segment
Program256KByte FLASH (CPU Internal)MemoryData96KByte Serial-EEPROMData Storage90 DaysInterfaceRS-232CUse only firmware updateDrawerTypeER180U: 4b/4c, ER180UDL: 4b/8cPort1 PortEnvironment ConditionTemperature-5 ~ 45°C (23~113°F)Humidity30~80%RHAppearanceDimension (with Drawer)ER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 8.1KgFUU'sMax. 500Clerk16PLU'sMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk	Keyboard	Raised	48 keys (Option: key-cap type)
MemoryData96KByte Serial-EEPROMData Storage90 DaysInterfaceRS-232CUse only firmware updateDrawerTypeER180U: 4b/4c, ER180UDL: 4b/8cPort1 PortEnvironment ConditionTemperature-5 - 45°C (23-113°F)MemoryPowerAppearancePowerMeightER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8KG, ER180UDL: 8.1KGKeyboard Departments16PLU'sMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk	System	CPU	32bit (LPC1519, NXP)
Data Storage90 DaysInterfaceRS-232CUse only firmware updateDrawerTypeER180U: 4b/4c, ER180UDL: 4b/8cPort1 PortEnvironment ConditionTemperature-5~45°C (23~113°F)Humidity30~80%RHAppearancePowerAdapter DC 7.5V/2.5AImmension (with Drawer)ER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 3.1KgSoftwareKeyboard Departments16PLU'sMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk	Memory	Program	256KByte FLASH (CPU Internal)
InterfaceRS-232CUse only firmware updateDrawerTypeER180U: 4b/4c, ER180UDL: 4b/8cPort1 PortEnvironment ConditionTemperature-5 ~ 45°C (23~113°F)Humidity30~80%RHAppearancePowerAdapter DC 7.5V/2.5ADimension (with Drawer)ER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 8.1KgSoftwareClerkMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk		Data	96KByte Serial-EEPROM
DrawerTypeER180U: 4b/4c, ER180UDL: 4b/8cPort1 PortEnvironment ConditionTemperature-5 ~ 45°C (23~113°F)Humidity30~80%RHAppearancePowerAdapter DC 7.5V/2.5ADimension (with Drawer)ER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 325x420x212VeightER180U: 3.8Kg, ER180UDL: 8.1KgClerkMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk		Data Storage	90 Days
DrawerPort1 PortPort1 PortEnvironment ConditionTemperature-5 ~ 45°C (23~113°F)Humidity30~80%RHAppearancePowerAdapter DC 7.5V/2.5ADimension (with Drawer)ER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 3.25x420x212WeightIten to the total data data data data data data data d	Interface	RS-232C	Use only firmware update
Port1 PortEnvironment ConditionTemperature-5 ~ 45°C (23~113°F)Humidity30~80%RHAppearancePowerAdapter DC 7.5V/2.5ADimension (with Drawer)ER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 8.1KgKeyboard Departments16PLU'sMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk	Drawer	Туре	ER180U: 4b/4c, ER180UDL: 4b/8c
Environment ConditionHumidity30~80%RHAppearancePowerAdapter DC 7.5V/2.5ADimension (with Drawer)ER180U:400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 8.1KgKeyboard DepartmentsPLU'sMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk	Diawei	Port	1 Port
AppearancePowerAdapter DC 7.5V/2.5ADimension (with Drawer)ER180U: 400x450x215, ER180UDL: 325x420x212WeightER180U: 3.8Kg, ER180UDL: 8.1KgKeyboard Departments16PLU'sMax. 500ClerkMax. 10Tax4Descriptor12 digitsReportsGrand Total, Financial, DEPT, PLU, Clerk	Environment	Temperature	-5 ~ 45℃ (23~113℉)
Appearance Dimension (with Drawer) ER180U: 400x450x215, ER180UDL: 325x420x212 Weight ER180U: 3.8Kg, ER180UDL: 8.1Kg Keyboard Departments 16 PLU's Max. 500 Clerk Max. 10 Tax 4 Descriptor 12 digits Reports Grand Total, Financial, DEPT, PLU, Clerk	Condition	Humidity	30~80%RH
Meight ER180U: 3.8Kg, ER180UDL: 8.1Kg Keyboard Departments 16 PLU's Max. 500 Clerk Max. 10 Tax 4 Descriptor 12 digits Reports Grand Total, Financial, DEPT, PLU, Clerk		Power	Adapter DC 7.5V/2.5A
Keyboard Departments 16 PLU's Max. 500 Clerk Max. 10 Tax 4 Descriptor 12 digits Reports Grand Total, Financial, DEPT, PLU, Clerk	Appearance	Dimension (with Drawer)	ER180U:400x450x215, ER180UDL: 325x420x212
PLU's Max. 500 Clerk Max. 10 Tax 4 Descriptor 12 digits Reports Grand Total, Financial, DEPT, PLU, Clerk		Weight	ER180U: 3.8Kg, ER180UDL: 8.1Kg
Clerk Max. 10 Tax 4 Descriptor 12 digits Reports Grand Total, Financial, DEPT, PLU, Clerk		Keyboard Departments	16
Software Tax 4 Descriptor 12 digits Reports Grand Total, Financial, DEPT, PLU, Clerk		PLU's	Max. 500
Tax 4 Descriptor 12 digits Reports Grand Total, Financial, DEPT, PLU, Clerk	Software	Clerk	Max. 10
Reports Grand Total, Financial, DEPT, PLU, Clerk		Тах	4
		Descriptor	12 digits
Options Take up spool		Reports	Grand Total, Financial, DEPT, PLU, Clerk
		Options	Take up spool

***** Without any prior notice, design and specification are subject to change.



Shin Heung Precisions Co.,Ltd. 9F, Flat-C, Woolim Lion's Valley, Gasan Digital 1Ro 168, Geumcheon-gu, Seoul 153-786, Korea Tel. +82-2-2101-9623 Fax. +82-2-2101-9690



Authorised Australian & New Zealand Distributor: Goodson Imports Pty Ltd 142 Wicks Road Macquarie Park NSW 2113 Offices in all main States and New Zealand Ph: 02-8875 4544 Fax 02-8875 4588 www.goodson.com.au

Distributed by