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HS-QR23 Series thermal Receipt Printer Datasheet

Function

Feature:

Compatible with the APS EPM203 – MRS
Optional different interfaces (RS-232C, TTL)
The smallest panel micro printer.
Can be flexibly embedded in a variety of instruments.
With max. paper roll diameter 23mm.
Installation size 72.8 X 73.26MM , depth 34.65mm



Application

Taximeter, recording meter, Self-service equipment, ticket dispenser
Medical Instruments, weighing apparatus, electronic machine, test instrument



Supermarket



Catering



Store



Tax



Bank



Medical care



Storage



Post

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Parameters

Printing type	direct thermal line printing
Dot density	384dots/line(default)
Resolution	203DPI x 203DPI
Paper feeding method	unidirectional friction feeding
Printing width	8dots /mm ,48mm.
Number of columns	Character spacing (default) : 30 dots (3.75mm) . Note: Adjust character spacing through emulation command, incremental unit is 0.125mm.
Printing speed	50-80mm/s
Power Supply	5-9V/12V.
Paper feeding	0.125mm (one step spacing of feeding motor).
Printing columns	Max.32columns(12x24 font), Max.16 columns(24 x 24 Chinese)
Character sets	IBM character sets-II and GB18030 Chinese sets
Data buffer	Receive buffer:4K bytes
Auto cutter	Full, partial.
Paper near-end detector	detecting range of paper roll diameter is 16~42mm (calculated on the core center of paper roll).
Interface	RS-232C,TTL+USB
Paper	High quality thermal paper,smooth surface ,thickness 65-100 μm.
Emulation command	compatible with EPSON ESC/POS
Paper width	57.5+/-0.5mm.
Paper roll outside diameter	Max. 150 mm.
Paper roll inner diameter	when thickness is 65μm~100μm,min. inner Dia. Is 25.5+/-0.5mm.
Paper take-up direction	outside of paper must be printed on.
Print side	outside of paper