



Kiosk Printer

KSM347 series

- 4 different models (same footprint)
- Wide range of paper width (58 - 83mm)
- Flexible paper roll handling
- Status indication on bezel
- 3 interfaces available (serial, USB, Ethernet)
- SW tools for development and support



Technical specifications:

Parameter	KSM347	KSM347O	KSM347P	KSM347R
Print engine	Seiko Instruments CAPM347 series thermal printer mechanism			
Print method	Thermal line dot printing			
Printer main function	print and cut	push/pull detect	presenter	presenter and retractor
Internal print (no access from outside)	not possible			possible
Dots / line	640			
Resolution (dots/mm)	8			
Paper loading method	auto loading			
Paper width range (mm)	58 to 83			
Paper width adjustment	auto adjustment of mark sensor, PE2 sensor, FNE sensor and tension unit with paper width adjustment			
Printing width minimum (mm)	52 (416 dots/line)			
Printing width maximum (mm)	80 (640 dots/line)			
Paper roll outer diameter max. (mm)***	max. 200			
Paper roll inner core diameter (mm)	25 (paper end not glued to inner core) thermosensitive layer outside			
Paper thickness range (µm)	60 - 100	75 +/- 10	75 +/- 10	75 +/- 10
Tension unit working direction	can be changed from up to down function			
Paper arm mounting position	can be changed from left to right side, 2 connectors for paper near end sensor available on left and right side			
Paper arm position vertical	7 different positions possible			
Print speed max. (mm/sec.)	200			
Presenter speed avg. (mm/sec.)	n/a	n/a	480	
Paper cutting method / cutting type	Slide type / (full & partial cut)	Slide type / full cut		
Bezel	n/a	Illuminated LED bezel and status indicator (auto or customer controlled)		
Bezel color / material	n/a	green / plastic transparent		
Buttons	2 (feed and testprint - backside)	4 (feed and testprint - backside and frontside)		
Character matrix (Internal code tables)	8x16 dots / 12x24 dots (WxH)			
Internal codepages integrated	CP-437,-850,-852,-858,-860,-863,-865,-1250,-1251,-1252			
International characters integrated	USA, France, Germany, UK, Denmark I, Sweden, Italy, Spain I, Japan, Norway, Denmark II, Spain II, Latin America			
Character matrix (User resources CP)	6x8 to 64x64 (fixed or proportional fonts possible)			
User resources code tables max.	20 (Some different codepages available on request)			
Flash graphic storage numbers	20			
User resources management	user codepages and user graphics can be downloaded together as 1 customer resources file (checksum controlled)			
User resources capacity	512 kByte flash memory			
Input buffer	8 kByte			
Defect Dot detection	electronic measurement detection and count of defect dots			
Mark detection	integrated (sensor level detection and threshold value adjustment possible)			
Printout Emulation	Software for development, maintenance and ticket emulation included			
Interfaces Standard model	Serial / USB			
Interfaces Ethernet model	Serial / USB / Ethernet			
Serial Specification	RS232C RJ-12 Connector			
USB Specification	USB 2.0 Connector Type B			
Ethernet Specification	100 Mbit/s (DHCP)			
Voltage	24 V DC (+/- 5%) Connector 2 pole Molex 4.2 MM			
Power supply (Watt) recommended **	90 (128 dots)			
Average current (A)	3.7 @128 dots			
Service life puls activation (pulse) *	200.000.000			
Service life abrasion resistance (m) *	200.000 printer mechanism (specified paper)			
Service life Cutter (cuts) *	1.500.000	1.000.000	1.000.000	1.000.000
Operation temperature range (°C)	-20 to +70 (Non condensing)			
Storage temperature (°C)	-25 to +75 (Non condensing)			
Dimension (WxDxH) ****	128 x 127 x 103,5 (mm)		128 x 192 x 103,5 (mm) incl. bezel	
Mass (g)	1290 g	1510 g	1560 g	1645 g
Emulation	ESC sequences			
Drivers	Windows 7 (Linux)			
Certifications	EMC Directive 2014/30 EU / EN 55022:2010 class A / EN 55024:2010 EN 61000-3-2:2006+A1:2009+A2:2009 Low Voltage Directive (LVD) 2014/35/EU / EN 60950-1:2006+A11:2009+A12:2010+A12:2011+AC:2011+A2:2013 RoHS Directive 2011/65/EU			
*	for specified papers			
**	power consumption is different of e.g. print speed, temperature, paper sensitivity, and printing content.			
***	will be less by some printer arm positions			
****	without paper holder arm, without connectors, including bezel			

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