

HSAJET® MiniKey

MKHP4

Coding & Marking made simple and fast.
A compact printer with integrated printheads,
ideal for integration in packaging lines.



MiniKey printer based upon HP TIJ2.5 technology

The HSAJET® MiniKey is based upon reliable HP TIJ2.5 technology which offers consistent, high quality, fast printing. The printer's user-interface is so easy to use, that it requires very little or no training.

The MiniKey is a very low-cost printer, yet powerful with all necessary functions available.

An 'All-In-One' printer

The MiniKey is an 'out of the box' unit. Place an ink-cartridge in the head, connect to power and print instantly by pushing a button.

New layouts are easily made straight from the keyboard or loaded from USB key or via LAN or RS232 connection. The basic unit comes with a 1/2" printhead with built-in product sensor. The MiniKey can control up to 2" print height.

Trouble free user interface

A 320x240 pixel graphical colour display showing intuitive icons ensures a clear understanding when choosing functions from the keyboard.

Choose from 1/2" - 2" printheight

The HSAJET® MiniKey is available with an integrated 1 or 2-pen printhead mounted on the side of the unit.

Instead – or if additional print height is required – the MiniKey can be delivered with remote printheads of 1 or 2 pens.

Having two printheads enables double-sided printing.

Advanced administrator options in software

A flexible user level management can guarantee that correct data is printed. You are also able to grant user rights as desired and protect by a unique password. In addition content may be filled by a user prompt which optionally must be validated by a different user for guaranteed accuracy.

The controller is preloaded with different menu languages, as well as localized month- and day names.

Print at breakthrough speeds of up to 300 m/min (984 ft/min) in 300 x 150 dpi

- GRAPHICS
- TEXT (ALPHANUMERICAL)
- COUNTERS
- SHIFT CODES
- DATE & TIME (REAL-TIME & ADJUSTED)
- LINEAR BARCODES (VARIABLE)*
- ANY WINDOWS OTT FONT

* For information on specific barcodes please go to www.hsasystems.com

Technical Details

MINIKEY CONFIGURATIONS



MINIKEY WITH INTEGRATED
2-PEN PRINthead & 2-PEN REMOTE
PRINthead



MINIKEY W. 1-PEN INTEGRATED (RIGHT)



MINIKEY W. 1-PEN INTEGRATED (LEFT)



1-PEN REMOTE



2-PEN REMOTE (RIGHT)

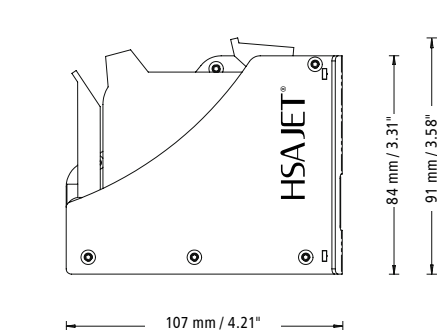


2-PEN REMOTE (LEFT)

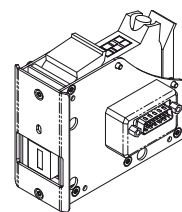
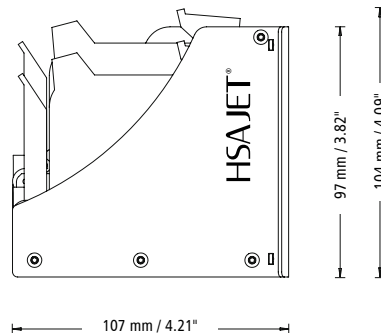
Technical Details

MINIKEY DRAWINGS

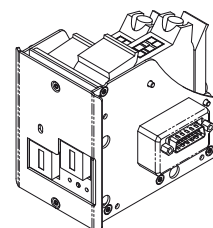
1-PEN REMOTE



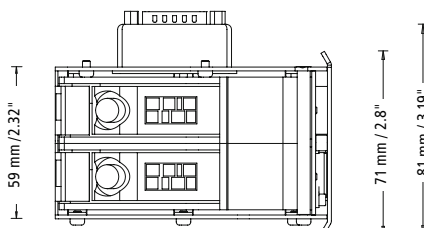
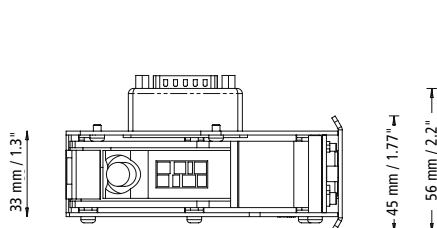
2-PEN REMOTE



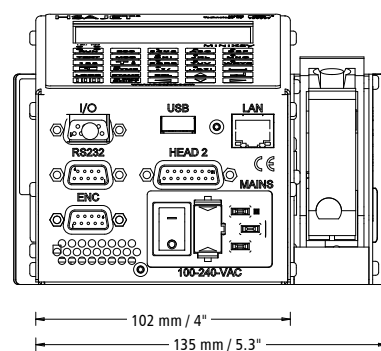
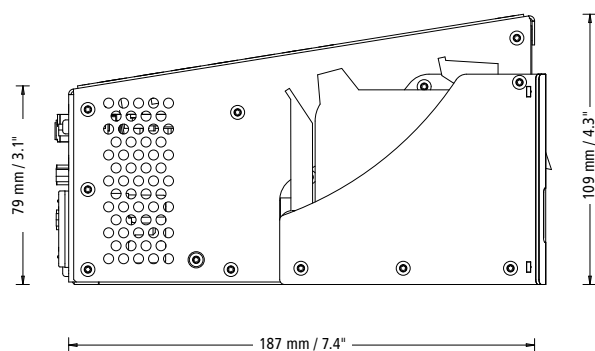
1-PEN REMOTE



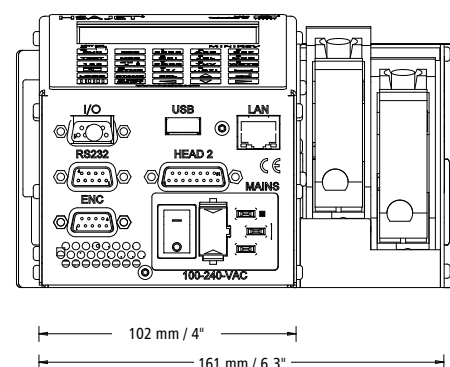
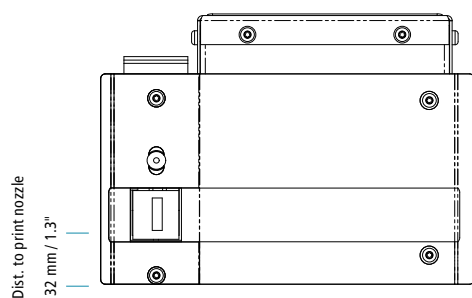
2-PEN REMOTE



COMPACT MK 1-PEN



COMPACT MK 2-PEN



Dist. to print nozzle
32 mm / 1.3"

Technical Details

MINIKEY

Technology

HP TII 2.5

Printhead frequency

15 KHz

Print height

Up to 50.8 mm / 2"

Print heads

1 or 2 pen printheads

Print distance

0.5 - 2.0 mm (nozzle to print surface)

Voltage

100-240 VAC

Memory

64 Mb (print buffer) > 2Gb internal

Screen

3.5" colour display

Design software

MiniDraw

Software menu lang

English (multiple languages)

Print features

Left/Right, Upside-down,
Other side

Layout features

Max. length 65536 px
(~277 cm in 600 DPI)
Works with mm/inch/point/pixel

Remote controlling

Edit jobs (via Ethernet/serial)
Change field content per print
Change print preferences/parameters

Interface

USB
RS232
100 Mb Ethernet (LAN)
Control connection (SUB-D15)
Encoder Input 5-24V (SUB-D9)
Product Sensor 5-24V (SUB-D9)

Signals

Low ink signal
Print signal
Print message signal

Complies to

CE directives

Housings

Stainless steel

Weight

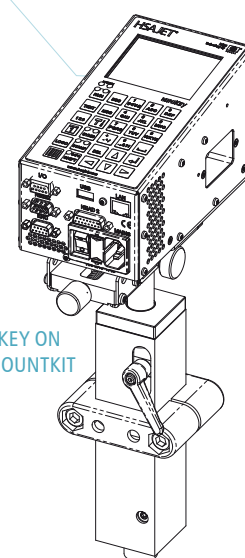
MK controller: 1.30 kg / 2.85 lbs
MK w 1 pen: 1.72 kg / 3.78 lbs
MK w 2 pen: 1.88 kg / 4.13 lbs
MK 1-pen printhead: 0.37 kg / 0.82 lbs
MK 2-pen printhead: 0.49 kg / 1.07 lbs

Accessories

- Telescope Mountkit
- External Sensor
- Encoder

Resolution (DPI) (horizontal x vertical)	Max. speed	
	m / min	feet / min
600 x 600	38	125
600 x 300	76	250
600 x 300 1 row	38	125
300 x 300 1 row	76	250
300 x 300	152	500
300 x 150	306	1000

Basic Unit	Head 1 Remote	Head 2 Remote
Compact MK 1pen		1 pen
		2 pen
Compact MK 2pen		1 pen
		2 pen
MiniKey (without attached printhead)	1 pen	1 pen
		2 pen
	2 pen	1 pen
		2 pen



BASIC MINIKEY ON
TELESCOPE MOUNTKIT

NOTE:

The MiniKey only works with MK printheads.
The MK printheads cannot be used with other HSA controllers.

DEALER:



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