General

Product Number	22601020
Product Name	HSAJET® MCX Satellite 1.0" Printhead (2 pens) SC
Manufacturer	HSA Systems A/S

Features

Technology	HP TIJ 2.5 w. smart card technology
Print Distance	0.5-5.0 mm (from nozzle to surface)
Print Height	Up to 25.4 mm (1") (2 pens)
Print Length	4.0 m @ 200 dpi | 2.7 m @ 300 dpi
Print Speed	Up to 182m/min @ 300x300 dpi Higher speeds can be achieved at lower dpi
Frequency	18 kHz (cartridge dependent)
Resolution	Horizontal: from 100 to 2400 dpi (variable dpi) Vertical: 300 or 600 dpi
Smart Card Features	Automatic detection of ink cartridge, auto-adjustment of ink parameters, monitoring of ink level
Encoder Rollback	Detection of print position enabling restart of print in correct position
Out-of-the-Box Stitching	Printer is pre-stiched and can be fine tuned from controller

Layout Options

Content	Barcodes, alphanumerical text in all languages, dates, counters, shift codes, graphics, full Unicode support (see datasheet for MCX UniDraw for more details)

Interface

DVI-I Dual Link (24+5) Female	Main Unit connection
Sensor	Built-in sensor
LED Indicator	Printer status

Physical Details

Installation Distance	Up to 8 meter between printheads
Housing	Anodised aluminium, black and natural
Sole	CrN treated aluminium
Dimensions	120.5 x 104.3 x 99 mm (LxWxH)
Weight	0.77 kg (product only)

HSAJET® MCX printers with Satellite printheads are small, flexible and powerful printers ideal for coding and marking applications offering premium print quality at high speed.

Up to four individual MCX Satellite printheads can be connected to the MCX Satellite Main Unit. This enables printing on up to four different areas of an object from one MCX 4.3" Touch Controller.

Electrical Requirements

Power Supply	Powered by MCX Satellite Main Unit

Compliance and Regulations

Complies to	CE, UKCA, RoHS, and EMC directives
Tariff No.	84714100
Country of Origin	Denmark

In the Box

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Parts of the MCX Satellite Print System

Required Parts (depending on configuration)	HSAJET® MCX 4.3" Touch Controller (standard or panel mount version) HSAJET® MCX Satellite Printheads (1 - 4 pens) HSAJET® MCX Satellite Main Unit MCX UniDraw f/Windows Cable RJ45, CAT7 S/FTP, black, (1, 3, 5 or 10m) Cables DVI/I (24+5) M-M, (2, 3 and 5 m)*
Ink Cartridges	Large range of HSAJET® HP45si and HP45ai cartridges with smart card available in black, white, and various colours for most substrates (see other flyer)
Accessories (optional)	HSAJET® MCX I/O Interface Box Sensor, encoder, and beacon Large selection of brackets for installation on production lines (see accessories list)

*only use with cables supplied and approved by HSA Systems

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We reserve the right to make changes to functionalities of the product and the content of this data sheet without prior notification.