HSAJET®
TIPC15 Premium

TOUCH PRINT CONTROLLER FOR HP INKJET

Windows driven controller with database connectivity for fully variable imprints

HSAJET® Premium Touch Printer Controller utilizes HP Thermal InkJet 2.5 technology

The Premium TIPC15 is the most compact stand alone touch controller available in the market that enables a print height of up to 100 mm (4").

The controller builds on the PCI express based HSAJET® CB6e controller board.

Industrial casing

The black anodised aluminium frame and steel case provide extra protection for harsh industrial environments.

HSAJET® software

The TIPC15 is delivered with Windows7 operating system and OBJ InkDraw printing software.

OBJ InkDraw is our software specially designed for coding/marking applications.

All HSAJET® software solutions provide the features needed for their respective markets, including database connectivity and unique serialization capability, as well as an easy to use, intuitive design.

Advanced software features

Stitching accuracy down to pixel level means printable objects can be located anywhere on the canvas without limitation.

All TIPC15 software packages offer a flexible ink saving feature providing up to a 75% ink saving in addition to fully variable resolution.

Remote control

The comprehensive communication protocol allows you to control the unit remotely. Remote management is done through ethernet or serial connection.

NEW
PREMIUM Touch Controller up to 100 mm Print Height

Premium series

In addition to the TIPC15 Premium controller, we offer the Premium MiniTouch with a print height of 2" or the individually configured PC-controllers built on the CB6e controller board offering a print height of up to 8".

Premium printhead

The centrepiece innovation of the Premium series is the hard anodised aluminium Premium printhead.

The printhead has a stainless steel footplate, which ensures that the printhead is completely free of static electricity. Ink cartridges are easy to replace and are held in the correct position without the use of a latch.

Print at breakthrough speeds of up to 300 m/min in 300 x 150 dpi

- GRAPHICS
- SHIFT CODES
- FIXED TEXT
- DATE & TIME (REAL-TIME & ADJUSTED)
- WINDOWS FONTS
- COUNTERS
- VARIABLE TEXT
- LINEAR & 2D BARCODES*

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

Technical Details TIPC15-HP PREMIUM

HP Inkjet Technology

HSAJET TIPC15 PREMIUM TOUCH PRINT CONTROLLER

Technology
HP TIJ 2.5

Print height
Standard up to 2" (50.8 mm)
with crypto key up to 4" (101.6 mm)

Printheads
HSAJET® Premium printheads
  (see flyer)
Connect 2 printheads directly to the
  controller or use distributor box for
  connection of up to 8 single 1-pen
  printheads.

Print distance
0.5-5.0 mm depending on ink and
  speed, typically 0.5-2.0 mm
  (nozzle to print surface)

Voltage
100-240 VAC

Print buffer
64 MB

Screen
15" colour touch screen

Design software
OBJ InkDraw (standard)
Mail InkDraw (optional)

Software menu language
English (multiple languages)

Print functions, e.g.
Database printing (SQL - Txt - Access)
User prompt
User defined print log
Error log

Print options
Variable DPI
Left/Right, Upside-down
Other side, Bidirectional
Inverted

Layout options
Max. length 65000 px
  (~277 cm in 600 DPI)
Object rotation in 90 deg intervals
Link field content
Works with mm/inch/point/pixel
Unlimited number of objects

Remote controlling via protocol
Start / stop print job
Change field content per print
Change print preferences/parameters

Interface
RS232 (serial)
Ethernet (LAN) 100 Mbit (Standard)
USB 2.0
Camera connection (USB)
Control connection (SUB D15)
Encoder Input 3-33V (SUB D9)
In-/output 3-33 V (SUB D9)
Printhead connections (2x RJ45)

Complies with
CE directives

Housing
Black anodised aluminium frame
Stainless steel housing
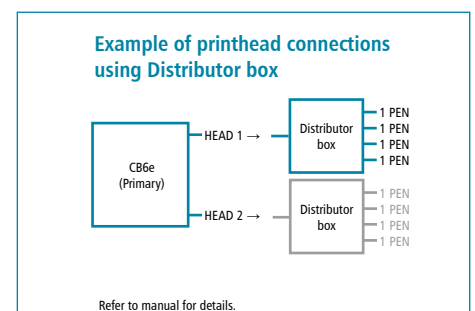
Weight
8.1 kg / 17.8 lbs

Accessories
• Premium printheads (see other flyer)
• Distributor box
• USB Key / Stylus pen (included)
• Sensor and encoder
• Bridges & Brackets
• Mountings (Inocon 53 mm)
• Adaptorplate for Inocon
  FLV-25/ FLV-40/ FLS30-S1 (included)

Vertical resolution (DPI)	Horizontal resolution 75-2400 DPI (variable) speed examples (m/min)			
	75 DPI	300 DPI	600 DPI	2400 DPI
600 DPI	304	76	38	10
300 DPI high speed	608	152	76	19
300 DPI (row A)	304	76	38	10
300 DPI (row B)	304	76	38	10

TIPC15 Premium	PC configuration (min)
Hard disk	60 GB SSD disk
RAM	4 GB
Processor	Core i7-2720 3.3 Ghz
Printing Software	OBJ InkDraw Mail InkDraw
Operating System	Windows embedded Std 7 (WS7P) 32 bit
TIPC15 Premium	Dimension
Length	384 mm / 15.1"
Width	106 mm / 4.2"
Height	294 mm / 11.6"

Distributor box

Example of printhead connections using Distributor box

CB6e (Primary)

HEAD 1 → Distributor box — 1 PEN / 1 PEN / 1 PEN / 1 PEN

HEAD 2 → Distributor box — 1 PEN / 1 PEN / 1 PEN / 1 PEN

Refer to manual for details.

CHECK OUR WEBSITE FOR THE LATEST VERSION OF THIS DATASHEET

DISTRIBUTOR:

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The first choice in package printing.

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