

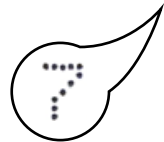


PRINTING SPECIFICATION			
Non contact printing technology		✓	
		Std DPI	Max DPI
SPEED (m/s)*	1 Line – 5 dot characters (fastest)	5.1	3.8
	2 Lines – 7 dot characters	1.3	0.9
	2 Lines - 9 dot characters (Highest Quality Text)	1.0	0.7
	1 Line - 24 dot characters (Best for 2D Coding)	0.5	0.4
SIZE	Max lines of print*	5	
	Print height* (dots)	upto 32 dots	
	Print height* (mm)	upto 20mm	
	Printed dot size^	0.31mm	
CODE FORMATS	Text	full unicode support	
	Graphics	Imported *.bmp Built in logo editor	
	1-D Barcode	EAN 8, 13, UPC A, E Code 39, 93, 128, 2 of 5, ITF-14, GSI-128	
	2-D Barcodes	Datamatrix, QR Code, Dot Code, Han Xin, Postnet	

OWNERSHIP SPECIFICATION		
OPERATING	User interface	7" colour touchscreen
	Software	QuickStep 3
	Operator friendly	✓
CONSUMABLES	Single button start and stop	✓
	Automatic cartridge recognition	✓
	Intelligent level monitoring	✓
	Cartridge runtime**	240 hours
SERVICING	Cartridge replacement	20 second operator task No line stop required
	Service model	Service free ITM system
	ITM replacement frequency†	12 months
ENVIRONMENT	ITM replacement	Sub 10 minute operator task Line stop required
	Operating temperature †	5-45°C
	Humidity	0-90% RH
	Ingress protection (cabinet)	IP55
Harsh environment options	Positive air to head (for high dust)	

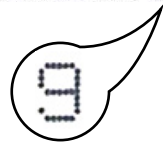
Understanding CIJ DPI

0123456789



Standard DPI (7 Dot)
Equivalent to 10 Chars/inch

0123456789



Maximum DPI (9 Dot)

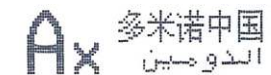
Standard DPI	5 Dot (Fastest)	Maximum DPI
01234567	0123456789	0123456789
01234567	0123456789	0123456789
012345	01234567	01234567
012	0123	0123

Large Characters (Up to 32 Dot)

Logos and 2D Codes



Multi Language and Mixed Fonts



* Max print speed, lines and height quoted with optional Packs
 ** Runtime based on Make-up Cartridge replacement frequency for Domino Advanced 1BK111 Ink at 21C
 † Dot size may vary depending on substrate type
 ‡ Subject to ink choice

Ax I50i

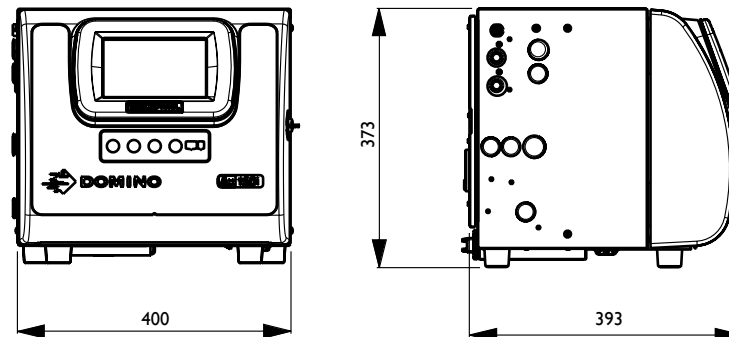
Technical Specification



TECHNICAL SPECIFICATION

SYSTEM SPECIFICATION		
PRINTHEAD	Type	i-Pulse
	Nozzle sealing technology	✓
	Nozzle size	60µm
	Maximum resolution (dpi)	82
	Format	Straight
	Conduit length	3m
	Conduit bend radius (minimum)	65mm
CABINET	Material	304 stainless steel cabinet (5 sides) Nylon (door)
	Size (WxHxD)	400 x 373 x 393 (mm) 15.7 x 14.7 x 15.5 (inch)
	Weight (dry)	16kg
	Power requirement	100-240v:4A 50-60Hz
	Power consumption	40 Watt (idle) 80 Watt (printing)
	Product detect input port (x1)	✓
	Shaft encoder input port (x1)	✓
	RFID	13.56 MHz 1.3uW ERP
INK	Ink cartridge volume	825ml
	Make-up cartridge volume	1200ml
CONNECTIVITY	Domino protocols	Intercomm 5, Codenet, Intercomm 0
	PC software suite	QuickDesign V5 & V6 compatible
	Webserver	✓
	Domino Cloud compatible*	✓

CABINET DIMENSIONS



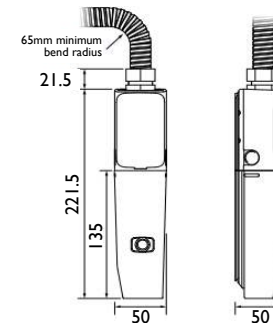
OPTIONS

HARDWARE PACK	Status pack option	4 stage beacon output (x1) 3 stage alarm output (x1)
	Comms pack option	Cabinet USB port (x1) Ethernet RJ45 port (x1)
		RS232 port (x1)
	RS232 pack option	RS232 port (x1)
	GPIO pack option	I/O – 4 inputs/4 outputs (x1)
PERFORMANCE PACK	Extended raster pack	Higher Speed and Higher Quality rasters (HQ types)

COMPLIANCE

Domino printers are compliant and sold in more than 100 countries globally. Certifications : CE, NRTL, CB and FCC 47CFR Part 15B.

PRINTHEAD DIMENSIONS



www.ax-series.com

* Requires Comms Pack

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