

Technical Specification:

A420i

Operational Capability

Max number of unicode characters per line	255
Max number of lines Standard	4
Max number of lines Duo	8
Max number of lines Pinpoint	3
Max number of messages per store	256
Max number of stores per printer	16
Max line speed (SL 5x5)	325m/min

Interfaces

QVGA (320x240) with SureTouch key board	Standard
SVGA (800x600) colour touch screen	Optional
TouchPanel remote touch screen	Optional
Ethernet (web server and email alert function)	Standard
USB	Standard
RS232	Optional
Domino Protocols	Codenet/ Intercom
Industry Protocols	ZPL (limited)
4 stage 24v beacon (Port is standard)	Optional
4 stage voltage free contacts	Standard
Programmable i/o (8 Inputs and 8 outputs)	Optional
Product detect	Standard
Shaft encoder	Standard

Graphical User Interface

QuickStep, full colour interface. Intuitive navigation via large, easy to read buttons and icons; WYSIWYG print preview. Multi-language support.

Environment

Weight	24.5kgs
IP rating	IP55
Operating temp	5-45°C (40-112°F)
Humidity	10-90%RH
Power requirement	100-240V:4A 50-60Hz
Power consumption	56.3 Watts

Compliance

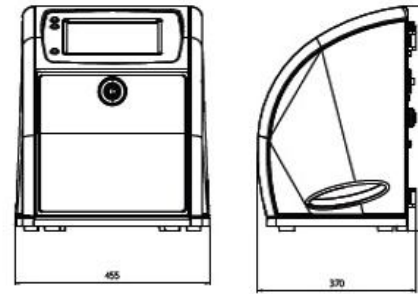
CE	Standard
TUV	Standard
RoHS	Standard
Sony Green Partner	Standard
Eupia compliant inks	Standard
Heavy metal free inks	Available
Halogen free inks	Available

SureStart Print Head

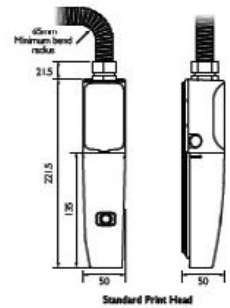
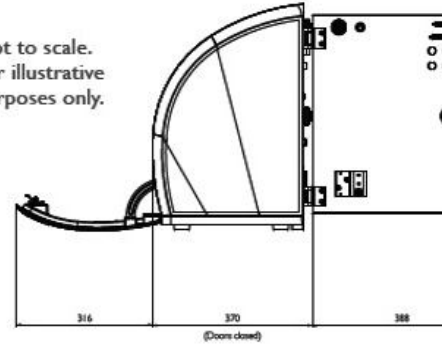
Standard and Duo	
Conduit length	3m standard or 6m optional
Nozzle size	60µ or 75µ
Pinpoint	
Conduit length	3m standard or 4m optional
Nozzle size	40µ
Conduit bend radius	65mm
Heater	Standard
Positive air pump	Optional
Air Dryer	Optional

Ink System

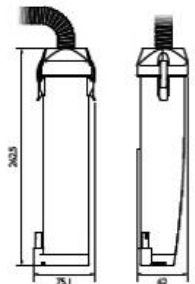
i-Tech ink system	Standard
CleanFill ink cartridge	825ml*
CleanFill MU cartridge	1200ml*
Qube replacement	Ink dependent*
Routine servicing	None
* operator task	



Not to scale.
For illustrative purposes only.



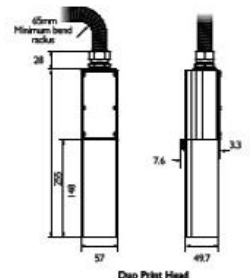
Standard Print Head



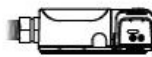
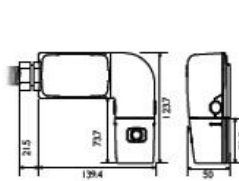
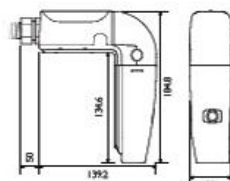
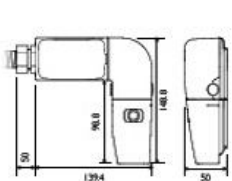
Heavy Duty Print Head



Pinpoint Print Head



Duo Print Head



Horizontal 90 Degree Print Head Installation Dimensions

Vertical 90 Degree Print Head Installation Dimensions

Horizontal 90 Degree Pinpoint Print head

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