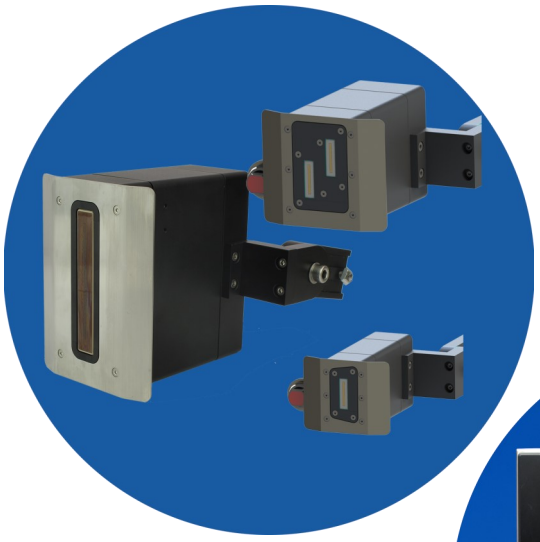
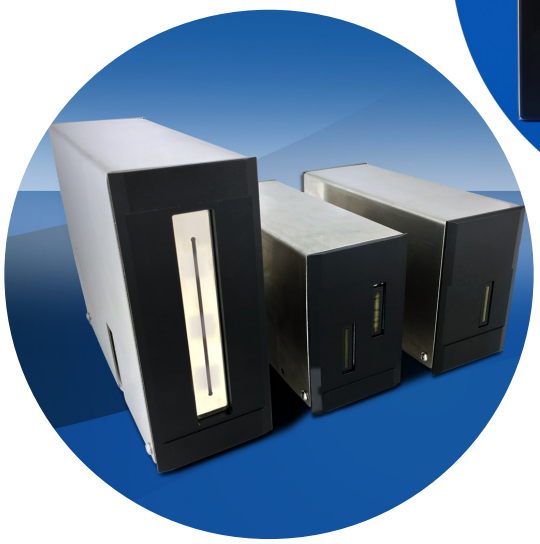
Sellenis

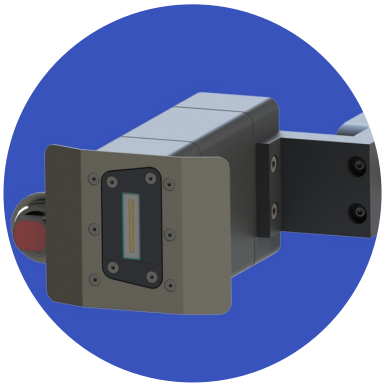
Innovation in Industrial Inkjet Technology

Sellenis Drop On Demand (DOD) High Resolution Ink Jet Printer Series



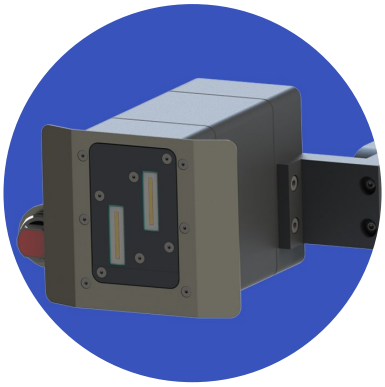


Sellenis Drop On Demand (DOD) High Resolution Ink Jet Printer Series offers:



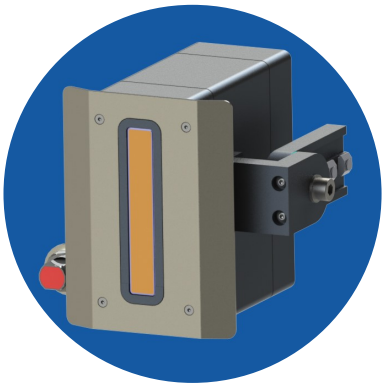
Flexibility

- Print text, barcodes, images up to 144 mm in height
- Achieve print speeds of up to 240m/min (480 ft/min)
- Oil, solvent, UV based inks



Ease of Use & Integration

- Connect via TCP/IP (internet), USB, Ethernet cable, WIFI, Bluetooth
- Create, save, edit & print from your PC using Nicelabel, Bartender etc..
- Use Sellenis external protocol to communicate & print from client PC
- A large 10.1" touch screen for ease of operation
- A common graphical user interface across all of our products
- On and off line windows based label creation and printer controller
- Integrate easily with external third party devices
- Intuitive, icon based user interface requiring little or no training
- Automatic printhead flushing (purging)



Widest range of applications

• Print on a range of primary & secondary packaging

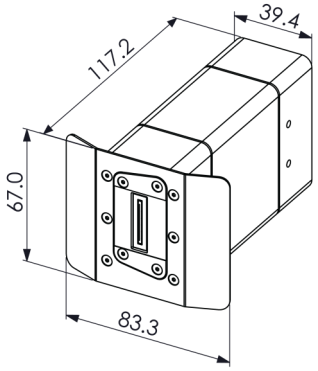
Sellenis
Innovation in Industrial Inkjet Technology

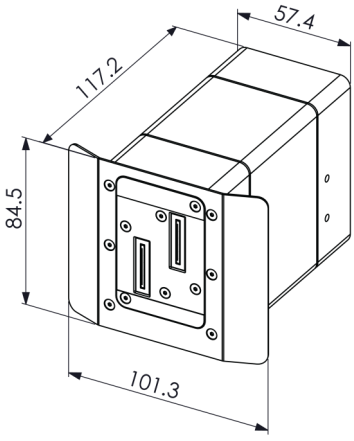
Ease of Integration	
Function	**Specification**
Print technology	High Resolution Piezo DOD
Printer variants	Up to 17.5 mm high print
	Up to 35 mm high print
	Up to 72mm high print
	Up to 144 mm high print
Print quality/resolution	Up to 360 dpi
Maximum print height capability	Up to 144 mm
Print speed	up to 100 m/min
Throw distance	Up to 8 mm
Fonts	Windows true fonts
Print types	Texts, logos, images, full range of 1D, 2D barcodes
Print features	Counters, real time date and time stamps, user codes, shift codes, lot numbers
	Label objects orientation, anchoring, justification
	Invert, reverse,
	Print from residents or remote offline client standard & GS1 databases
Print mode selections	**Standard printing mode** (external shaft encoder and external product sensor)
	Simulated continuous printing mode with automatic (software) internally generated shaft encoder and product sensor signals
	internal Shaft encoder Standard printing mode with external product sensor
	Repeat printing Mode
	Track & Trace with camera vision and product reject mechanism printing mode
	External Serial Devices printing mode (weighscale, barcoder reader, Magnetic Card Reader etc..)
	Windows driver printing mode (remote off line label creation and printing using Nicelabel, Bartender etc..) Via TCP/IP (internet), Ethernet cable or wifi.
	External protocol printing mode for printer integration with customer Production IT system such ERP

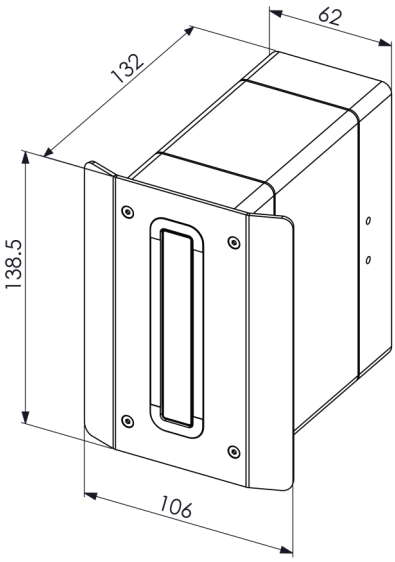
Ease of Use	
Function	**Specification**
User interface	10.4” capacitive IPS touch screen
Languages	English, Spanish, Chinese, French, German, Russian, Polish, Turkish, Arabic, Portuguese.. Korean, can easily add any other language
Security	Multiple password levels and user privileges set up for security purposes
Label creation, editing & saving	Easy to use and powerful template design using controller touch screen or offline PC
	Windows Driver allows off line remote label Creation, editing, saving and printing using Nicelabel or Bartender software installed on client PC
Diagnostics	Printer “health” recording, storage, report creation & display
Printer set up and configuration	Icon based Institutive printer configuration

Ease of Integration	
Function	**Specification**
I/O’s	16 off I/O’s 2 x PEC; 2 x shaft encoders; 2 x warning lights; 2 x relays; 2 x cameras; 4 printheads USB; Ethernet, Bluetooth
Internet/network connections & communications	Generate labels offline on client PC then print via TCP/IP, Connect via Ethernet cable or wifi
Remote printing and factory integration	External protocol for controlling, communicating and printing from remote client pc or production management systems such as ERP via Ethernet cable, TCP/IP, wifi
Windows Printer Driver	To allow networking of printer and ability to communicate and print from windows based software apps
Nicelabel & Bartender	Generates and print templates from powerful label generation software such as Nicelabel & Bartender installed in Sellenis controller or offline in customers PC then use Ethernet cable or wifi to send label to Sellenis’ printers to be printed in real time via TCP/IP.
Connections to external serial devices	Connect, receive and print data from external serial devices such as barcode readers, weigh scales, magnetic card readers or any other external serial device using USB or RS232 Use barcode scanner for ease of use, error free data entry to print from offline customer’s database
Camera Vision System GS1 Track & Trace	Connect, receive and send commands to camera vision system such as Cognex cameras for use with Read, Print, Verify, Reject and generate report for the purpose of Track and Trace implementation In conjunction with camera vision print from remote customer database unique serial number and full GS1 data barcodes

Inks					
Part Number	**Description**	**Type**	**Colour**	**Pack**	**MOQ**
SL301.0210	FLUSH	mineral oil free	CLEAR	4 x 0.75 L	12 L
SL301.0211	INK	mineral oil free	BLACK	4 x 0.75 L	12 L
SL301.0212	INK	mineral oil free	RED	4 x 0.75 L	12 L
SL301.0213	INK	mineral oil free	YELLOW	4 x 0.75 L	12 L
SL301.0214	INK	mineral oil free	MAGENTA	4 x 0.75 L	12 L
SL301.0215	INK	mineral oil free	CYAN	4 x 0.75 L	12 L
SL301.0216	INK	mineral oil free	GREEN	4 x 0.75 L	12 L
SL301.0217	INK	mineral oil free	DARK RED	4 x 0.75 L	12 L







Sellenis
Innovation in Industrial Inkjet Technology