**DESIGN · PRINT · TRACE**

# Nano -SERIES- SERIES

## High Resolution "all in one box" Ink Jet Printer

www.ale.fr

### 2 Models

■ **Nano18** *(side printing)*
■ **Nano 18R** *(omnidirectional)*

All **ALE** *"Know-how" in a single box*

*Available for porous or non-porous substrates*

Nano18

Nano18 R

### Main Specifications

■ Side or omnidirectional printing on most porous or non-porous surfaces (depending on ink type)
■ Up to 42m/min for a resolution of 180dpi (80m/min at a 90 dpi resolution)
■ WVGA 5" Touch-screen display
■ Easy installation and service
■ Compatible with most popular Database formats
■ Industrial and compact design
■ TCP/IP and Wifi network

18mm de performances

**ALE** *More than a printer*

# Nano -SERIES-

# SERIES

## High Resolution "all in one box" Ink Jet Printer

### Advanced Specifications

- Print characters from 0.7 to 18 mm on porous or non-porous surfaces
- ARM 32 Bit dedicated CPU
- WVGA 5" Touch-screen display
- USB / RS232 / Wi-Fi 802.11b/g connections
- Printing speed up to 42m/min at 180dpi
- Up to 200 messages per file, using USB memory stick or internal memory
- Printing text / logos / images / barcodes / date / time / variable data / etc ...
- Side or omnidirectional (Nano18R) printing on most type of porous or non-porous substrates (depending on the ink type)
- Umbilical length of 1m on the Nano18R (up to 1.5 as an option)
- Manual image creation or using Codex © Design Software
- Industrial and compact design
- Easy installation and low annual maintenance
- Supplied with cable and mounting accessories

- Compatible with external devices such as :
  - Weighing device
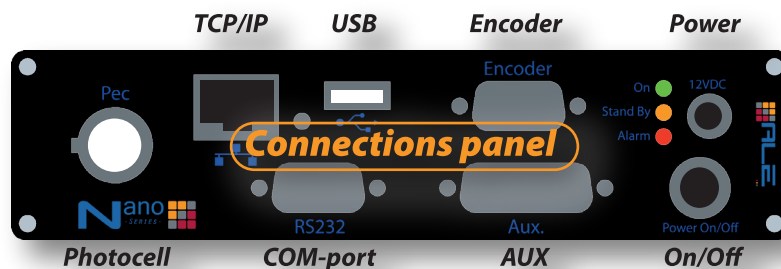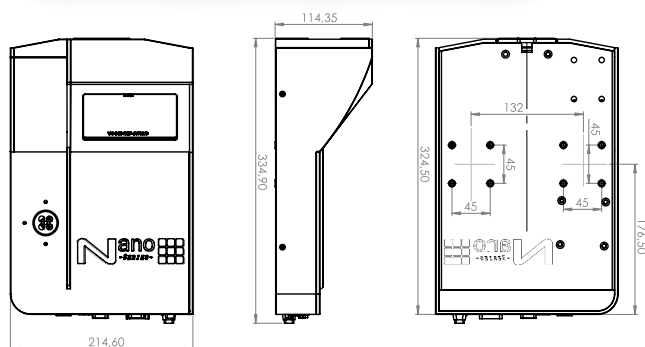  - Barcode scanner
  - PLC / Automat
  - Database

### Applications

*Printing on Paper / cardboard porous-recycled or varnished / wood / EPS / building materials / plastic-paper bags / fabrics / Straps / etc ...*

| Type | Nano18 | Nano18R |
|---|---|---|
| Printing height | 18 mm | 18 mm |
| Printing speed at 180 dpi | 42 m/min | 42 m/min |
| Oil based inks | ✔ | ✔ |
| Solvent based inks | ✔ | ✔ |
| Drop size | 80 pL | 80 pL |
| Resolution | 360 dpi | 360 dpi |
| Printing frequency | 4.8 kHz | 4.8 kHz |
| Height of lower dot from base | 44 mm | 14 mm |
| Weight | 2.8kg | 2.8kg |

### Dimensions:

*Refer to the operator manual for more details*

114,35
334,90
214,60
132
324,50
45
45
45
45
176,50

**TCP/IP**    **USB**    **Encoder**    **Power**

Pec
Encoder
On  12VDC
Stand By
Alarm

**Connections panel**

RS232    Aux.    Power On/Off

**Photocell**    **COM-port**    **AUX**    **On/Off**

your contact :

ALE SARL

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More than a printer