TOURMALINE
ENTERPRISES

in-line IP67

Our most innovative printer - IP67 protected

The edding in-line IP67 combines the superior printing technology of the edding printing systems with a unique housing concept.
The system is completely protected against dust and moisture, so it can withstand both high-pressure cleaning and even submersion of up to 1 metre.
Therefore, the edding in-line IP67 is ideally suited for environments with either increased cleaning requirements or a high incidence of moisture and dust.

The system is compatible with the complete edding ink portfolio and can therefore print reliably in excellent quality on almost all surfaces. Even specially certified food inks are available for the food industry.

A broad variety of interfaces is available for the installation in existing systems.

The system was developed jointly by edding and its technology partner Elried.

IP67 Dust and water protected according to IP67 industry standard	**▶▶** Installation & commissioning within minutes
Choice of different ink types and colours for almost every material	**✔** Maximum operating time, since neither maintenance nor technical support is necessary
Specially certified food inks without any hazardous substances	**HD 600dpi** High-resolution 600 dpi print for sharp and accurate print results
Various interfaces for connecting external systems of all kinds	Made in Germany & 24 month guarantee (excluding consumables)

elried
technology partner

in-line IP67

Technical specifications

Print system

Printing process	• High-res TIJ (Thermal Inkjet) printing technology up to 600 dpi
Print height	• Up to 10 lines, between 1.0 mm and 12.7 mm (0.5")
Print speed	• 240 m (787 feet) per minute maximum print speed
	• Up to 78 prints per second
Print distance	• Print distance to surface of up to 8 mm (0.3")
Print surface	• Extensive ink portfolio for almost all materials and surfaces in multiple colors
Print options	• Text, logos, date/time, counter, batch/box number, 1D and 2D barcodes
Memory capacity	• Internal memory for over 100,000 texts and logos
Connectivity	• Ethernet connection RJ 45 incl. DHCP
	• Communication interfaces via MQTT, OPC UA, http request and TCP-Server
	• Web server for access from every workstation
	• Prebuilt program code for siemens PLC control
	• App for iOS and android
User interface	• Intuitive user interface with genuine WYSIWYG print preview
	• Automatic wizards for printer setup
Input devices	• Any tablet, smartphone or PC, designated app IOS/Android
Display	• Waterproof LCD screen with 1.8" and LED technology
4 LED displays	• Power, print, low ink, alarm
Input / Output	• Dedicated dust and waterproof industrial connector for encoder, alarm, photocell, trigger by air
	• One high-speed USB 2.0 input
Language selection	• Danish, Dutch, English, French, German, Italian, Korean, Portuguese, Romanian, Serbian, Spanish, Thai, Turkish, Simplified: Arabic, Chinese, Polish, Russian
Housing / Structure	• Extremely robust and impact-resistant PE plastic housing
	• Dust and splash-proof according to IP67 (with empty cartridge)
	• Fully integrated 4-in-1 design (control unit, screen, print head and ink cartridge)
	• Stand-alone unit, can be used with or without PC
Power supply	• AC 100-240 V, 50/60 Hz, 1,0 A, automatic switching
Dimensions (L/W/H)	• 215 x 98 x 160 mm
Weight	• 1,6 kg - without ink cartridge
Operating environment	• 5 - 40 °C (41 - 104 °F)
Quality	• Made in Germany

Scope of delivery

• Printing system edding in-line IP67 with 12 mm print height
• Complete mounting material: stainless steel rods in lengths 20, 25 and 35 cm, tow cross clamps, one base clamp, one printer clamp, hex wrench and screws
• Relay cable, USB stick, edding 8850 carpenter pen, power supply unit 110 - 240V IP67

Optional accessories

Encoder set	• Consistent, high print quality even with changing belt speeds
Photoelectric cell set	• Reliable and precise release for small or unusual product shapes
Alarm set	• Visual signaling of the operating status in three colors

Guarantee

• 24 months (except consumable)