

Description: The TT431 thermal transfer printer is perfect for printing on HellermannTyton materials such as self-adhesive labels, shrinkable tubing and identification tags. Thanks to its low weight and compact construction, the TT431 integrates seamlessly into any workstation. It is easy to use due to its intuitive touch display and clear status messages which can be shown in multiple languages. The optional cutter and perforator make this printer ideal for a wide range of applications. 300 dpi resolution ensures that barcodes, warning symbols, logos and text are as sharp as they can be.

Technical data:

Device type: Material guide	Centered	
Type of print head		
Printing method: Thermal transfer	Typical	
Printing method: Direct thermal	Possible	
Printable resolution dpi	300	
Print speed up to mm/s	150	
Print width mm	105,7	
Material		
Labels Width mm	single-lane: 10-116	multi-lane: 5-116
Labels Height mm	without label retraction: from 5	with label retraction: from 12
Labels Thickness mm	0,03-0,60	
Liner material Width mm	9-120	
Liner material Thickness mm	0,03-0,16	
Continuous material Width mm	5-120	
Continuous material Thickness mm	0,05-0,50	
Weight (cardboard) up to g/m ²	240	
Pressed tube continuous mm	5-85	
Pressed tube Thickness up to mm	1,1	
Roll Outer diameter up to mm	152	
Roll Core diameter mm	38,1-76	
Winding	Outside or inside	
Ribbon		
Ink side	Outside or inside	
Roll diameter up to mm	72	
Core diameter mm	25,4	
Variable length up to m	360	
Width up to mm	25-114	
Printer sizes and weight		
Width x Height x Depth mm	253 x 189 x 322	
Weight kg	4	



HellermannTyton GmbH
 Grosser Moorweg 45 Telefon: +49 (0) 4122/701-0
 D-25436 Tornesch Telefax: +49 (0) 4122/701-400

This information is based on our experience and does not imply suitability without prior testing. Due to the variables of manufacture and environmental conditions it is strongly recommended that samples are tested in-situ. A legal binding assurance for definite attributes can not be derive from our indications.

label sensor with position indication	
Gap sensor	Labels , punch marks or print marks with translucent materials and end of material
Reflective sensor from below (optionally from top)	Print marks without translucent materials and end of material
Distance sensor from center to locating edge Centered mm	0-58
Height of material passage mm	4
Electronics	
Processor 32 bit clock rate MHz	800
Main storage (RAM)	256
Data storage (IFFS) MB	50
Plug-in for SD memory card (SDHC, SDXC) up to GB	512
Battery for time and date, real-time clock	Standard
Data storage when power turned off (e.g. serial numbers)	Standard
Interfaces	
RS232C 1.200 bis 230.400 baud/8 bit	Standard
USB 2.0 Hi-Speed Device für PC-Anschluss	Standard
Ethernet 10/100 BASE-T	LPD, RawIP printing, FTP-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP-Webservice
1 x USB host at the operation panel	For service key or USB memory stick
2 x USB host on the back of the device	For keyboard, barcode scanner, USB memory stick, USB Bluetooth adapter
Peripheral connection USB host, 24 DC	Standard
Operating data	
Power supply	100 - 240 VAC ~ 50/60 Hz, PFC
Power consumption	Standby <10 W / typical 150 W / maximum 300 W
Temperature / humidity: Operation	+5° - 40°C / 10 - 85% not condensing
Temperature / humidity: Operation	0 - 60°C / 20 - 85% not condensing
Temperature / humidity: Storage	-25 - 60°C / 20 - 85% not condensing
Approvals	CE, FCC class A, ICES3, CB,u UL