

# B/W Video Printer

The ultra-compact b/w printer. With high picture resolution, low operating costs and seven different print formats. The new compact professional for medical picture documentation – with convincing features: e.g. easy-to use front side operation, paper-save function and picture enlargement. Unbelievable details, excellent contrast and super-sharp contours picture for picture – in only 5.6 seconds. With 19 settings for brightness and contrast and a reinforcement for weak signals. Of course, it's also perfectly suited for security technology or quality control.



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Technical data				
<b>Printing system</b>	thermal print on thermal paper			
<b>Printing head</b>	1024 elements, 10.24 dots/mm (260 dpi), max. resolution 1022 x 1000 dots (H x V)			
<b>Colour depth</b>	24 bit, 256 gray scales (6 bit + dithering), gamma curves in 5 different graduations + negative			
<b>I/O signals</b>	Composite Video (PAL, NTSC); 1 BNC port input and output each			
<b>Paper</b>	Thermal paper in rolls, 110 mm x approx. 21 m			
<b>Picture formats</b>	7 picture formats: normal, large (rotated by 90°), 2-split normal, 2-split large, 1:1, 1.5x, 1.7x			
<b>(Values for PAL/Underscan)</b>	<b>normal</b>	<b>large</b>	<b>2-split norm.</b>	<b>2-split large</b>
Picture size in mm	100 * 75	99 * 130	50 * 37	49 * 66
Max. resolution (horizontal x vertical)	1022 x 600	1022 x 1000	511 x 300	511 x 500
Printing time/picture	5.6 sec.	9.6 sec.	2.8 sec.	4.8 sec.
Max. no. of prints/roll (with paper save function)	262	154	499	295
<b>(Values for PAL/Underscan)</b>	<b>1 : 1</b>	<b>1.5x</b>	<b>1.7x</b>	
Picture size in mm (H x V)	100 x 99	99 x 195	99 x 234	
Max. resolution (horizontal x vertical)	1022 x 600	1020 x 1022	1020 x 2044	
Printing time/picture	5.6 sec.	9.6 sec.	19.2 sec.	
Max. no. of prints/roll (with paper save function)	188	103	87	
<b>Picture memory</b>	1 full picture			

<b>Picture copies</b>	freely adjustable; 1-9 automatic
<b>Picture adjustment</b>	Brightness (19 levels), contrast (19 levels) (controls on front panel)
<b>ABC mode</b>	Automatic brightness control when printing
<b>Control locks</b>	Brightness, contrast, picture format and gamma curve controls can be individually locked against incorrect operation
<b>Paper refill</b>	Simple paper roll-refill with no clips
<b>Automatic lowering of printing head</b>	Printing head automatically moves to print position and returns to starting position after printing
<b>High contrast function</b>	Signal reinforcement by AFC (Automatic Frequency Control) when input signal is very weak (Dip-switch)
<b>Paper save function</b>	Reduces gaps between individual prints on the roll (can be activated via DIP switches)
<b>Other special functions</b>	Positive/negative print-out; printing direction normal/reversed; signal scanning Underscan/Overscan (each can be activated via DIP switches)
<b>Display</b>	2-digit, 7-segment LED display (green) for printing modes, values, error messages
<b>Power supply</b>	120 V AC, 50/60 Hz, 1.2 A 220/240 V, 50/60 Hz, 0.7 A
<b>Max. power consumption</b>	approx. 110 W (printing) approx. 10 W (stand-by)
<b>Dimensions (WxHxD)</b>	154 x 97 x 300 mm
<b>Weight</b>	approx. 3,3 kg
<b>Operation</b>	Temperature: + 5 °C ~ + 40 °C Humidity: 35 % ~ 80 % RH
<b>Noise level</b>	< 50 dB (A)
<b>Approvals</b>	Security: TÜV-GS, TÜV-GM, 73/23/EEC, 93/42/EEC EMI: 89/336/EEC (EN 61000-3-2)
<b>Accessories (included)</b>	cleaning sheet; mains cable; signal cable BNC/BNC; user manual; cable remote; thermopaper K-65HM (1 roll)
<b>Accessories (optional)</b>	thermopaper (1 box with 4 rolls à 21 m) K-65HM (high contrast); K-61B (standard)