

# ***Xiscan3***

**Scanner**

**Technical Data Sheet**



Published by

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**Technical data for the Xiscan3 scanner:**

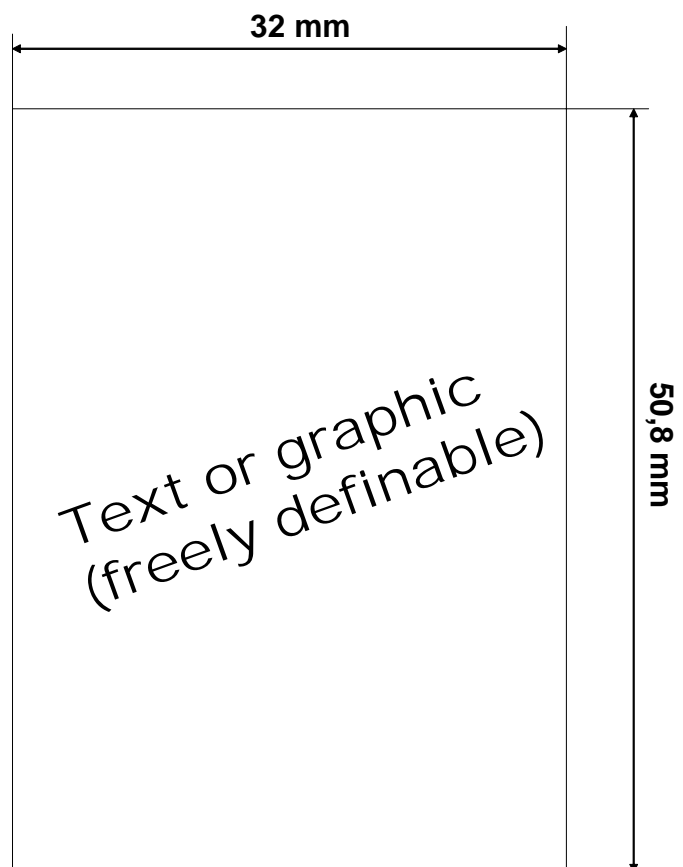
Technology	Contact image sensor (CIS) operated as a distance scanner
Optical resolution	200 dpi horizontally, 100 dpi vertically (standard) 200 dpi horizontally, 200 dpi vertically
Interpolated resolution	Double the standard resolution
Transport speed	40 cm/s (with 100 dpi vertically) 20 cm/s (with 200 dpi vertically)
Scanning format	A4 / US letter (max. 215.9 mm) Minimum document size 60 x 60 mm
Interface	USB 1.1
Data transmission	12 Mbit/s, 6 MB buffered Data format programmable, RLC (run-length compressed)
Scanner electronics	Integrated signal processing Online shading correction
Image transfer	Binary image transfer with document and character recognition *Gray scale transmission (256 gray scales) with document recognition
Control & function queries	8 light barriers over the entire document feed length Stepper motor STOP/RUN (forwards/backwards) Mandatory parallel insertion of the document can be selected
Permissible document skew	+/- 15°
Dropout colors	Wavelength 630 nm +/- 15 nm (hue: red)
Lighting	LED array (RGB)
Paper weight	60 – 120 g/m <sup>2</sup>
Ticket stacker	Approx. 30 tickets (depending on their size)
Character recognition	OMR, OCR, barcode
Power supply	+24 V DC (via power cable from the BEETLE /M system unit or from external power supply)
Dimensions	288 x 105 x 117 mm (width x height x depth)
Weight	Approx. 2.6 kg
Reliability	Lifecycle > 500,000 transactions
Operating temperature	+5° - +40° Celsius
Humidity	5% - 85% (non-condensing)

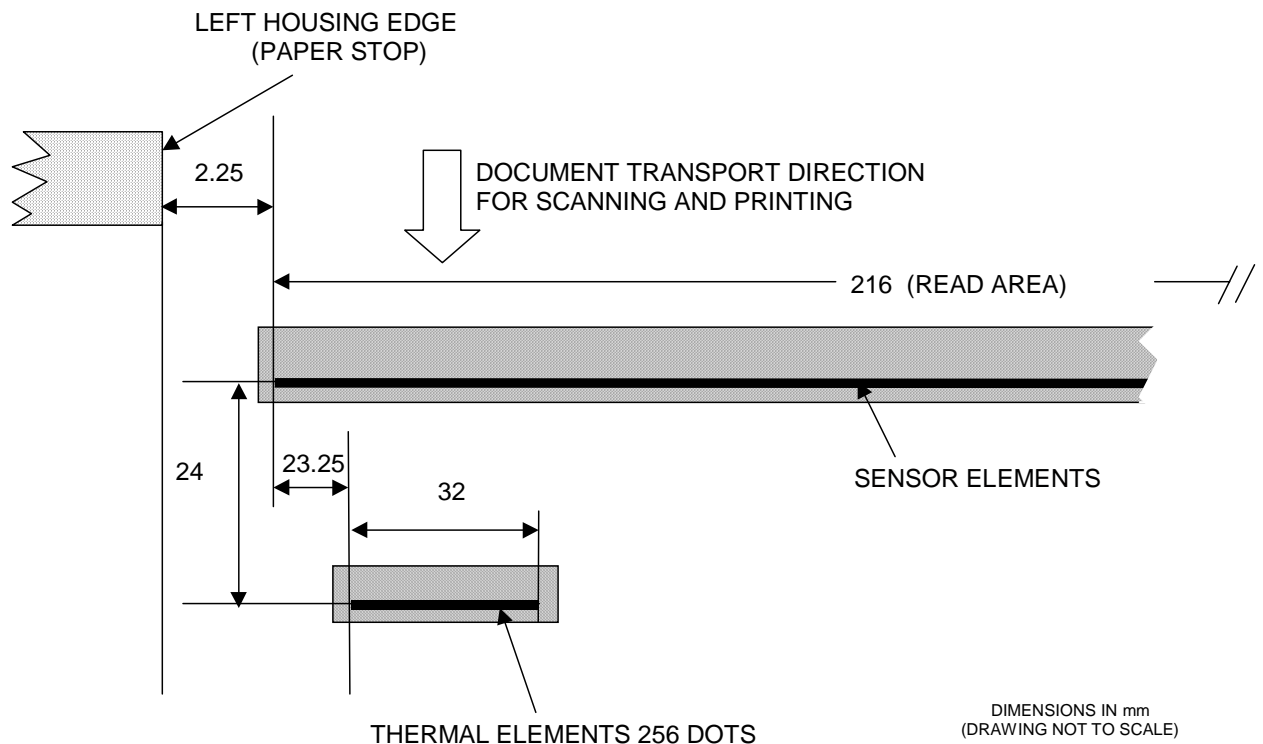
\* The image is recorded with a depth of 10 bits (1,024 gray scales); normalization to 8 bits (256 gray scales) is then carried out to suppress video noise.

## **Technical data for the (optional) branding module**

Technology	Thermal print head (integrated thick film circuit)
Resolution	256 dots/line
Printing width	32 mm
Resolution	8 dots/mm (200 dpi horizontally, 200 dpi vertically)
Printing speed	50 mm/sec
Mechanical lifecycle	Print head: 50 km
Electrical lifecycle	10 x 10 <sup>7</sup> pulses
Power supply	24 V, approx. 1.3 A
Interface	Internal connection to the scanner controller by means of USB
Image	Is generated as a bitmap in the host system and stored in the controller's image memory. It is sent directly from there to the print head.
Graphics	Printable area 32 x 50.8 mm (width x height) 400 dots vertically, 200 dots horizontally (= approx. 102,400 pixels)

Imprint





**Geometrical proportions of the read line relative to the thermal print line**

**Technical data for the (optional) barcode reading module**

The flexibility of Xion /Mtop means that various barcode readers can be integrated in the scanner unit. A 1D or 2D barcode reading module can be selected. The modules are high-quality OEM products from Symbol Technologies INC.

The following barcodes are supported:

1D barcode reader (SE 923)	UPC/EAN, Code 128, Code 39, Code 93, Interleaved 2/5, Discrete 2/5, Codabar, MSI Plessey
2D barcode reader (SE 3223)	UPC/EAN, Code 128, Code 39, Interleaved 2/5, Codabar, MSI Plessey , PDF417