

# TH210-VI



## Thermal Receipt Printer

### Compelling performance – value priced

The TH210-VI is a versatile POS printer for printing receipts, coupons, vouchers and transaction documents at the POS. The print speed is one of the highest in its price range which ensures a fast completion of the checkout. Optimum driver and firmware technology make the best use of the engine print speed of up to 180 mm/s.

### Easy to install and operate

The installation of the TH210-VI is very easy. It takes only a small footprint. Also the USB or serial plug needs no additional space at the till as the connectors are under the case.

Depending on the environment, the TH210-VI can be operated horizontally or vertically. When using it vertically, the print direction can be rotated by 180 degrees for easy reading. Paper loading works as easy as possible just by drop-in.

Ideal for noisy environments is the integrated buzzer which can signalize the completion of the receipt if wanted.

### Not only for use with BEETLE

TH210-VI can be powered from BEETLE systems by DC cabling. The TH210-VI can also be used in combination with a PC. (External power supply is required). For data connection to the system both RS232 and USB interface are available.

### Comprehensive driver support

A full range of drivers from Windows 32 bit and 64 bit printer drivers to OPOS and JavaPOS drivers support the TH210-VI in different software environments.

The latest drivers are available at the Wincor Nixdorf website. The graphics capability of the TH210-VI supports printing of logos and 1D and 2D barcode. QR code can be printed even if the application has no internal QR support by font substitution of the Windows printer driver. Logos can be stored permanently in the printer. The print resolution of 203 x 203 dpi ensures printouts with excellent quality.

### Environment friendly and cost saving

The TH210-VI is friendly to the environment in many ways. The low power consumption of this ENERGY STAR® qualified printer results also in a low Total Cost of Ownership (TCO). Print media can be saved by using the Paper Saving Feature of the Windows printer driver. Reduced line space and even the setting to print output designed for 80 mm paper rolls on 58 mm rolls are saving the environment and paper consumption.

### Global usage

With many code pages and the most relevant Asian Character Sets already loaded also makes the TH210-VI ideal for global use.

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## Services

Wincor Nixdorf's fast, professional manufacturer service is available as an option for Thermal Receipt Printers as part of the complete solution offer. Tailored services enable the highest possible system availability and security worldwide due to standardized service processes and efficient remote management based on the Wincor Nixdorf eServices Platform®.

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## TECHNICAL DATA

### Print stations

- 1 (receipt)

### Printing method

- Thermal direct (203 dpi, 8 dots/mm)

### Printing columns (max.)

- 44 standard
- 56 compressed

### Printing speed

- 180 mm/s

### Character density

- 16.9 cpi standard
- 20.3 cpi compressed

### Paper width

- 80 mm +0 / - 0.5 mm
- 57.5 mm + / - 0.5 mm (factory option)

### Paper roll diameter

- Max. 90 mm

### Barcodes

- EAN
- UPC
- Code 39
- Code 128
- Interleaved 2of5
- Codabar
- Code 93
- GS1 DataBar
- PDF417
- QR
- Datamatrix

### Sensors

- Paper low
- Paper end
- Cover open

### Power supply

- 24 V DC

### Receipt cutter

- Partial cut and full cut
- Reliability 3 million cuts

### Codepages

- 437, 720, 737, 775, 850, 852, 857, 858, 860, 862, 863, 864, 865, 866, 874, 1250, 1251, 1252, 1254, 1255, 1256, 1257, 28591, 28592, 28594, 28596, 28599, 28605,
- Katakana
- Asian Character Sets
  - Simplified Chinese
  - Traditional Chinese
  - Japanese
  - Korean
  - Vietnam

### Ambient temperature (operation)

- 5-35 °C (5-90% humidity)
- 35-50 °C (5-40% humidity)

### Noise level

- 55 dB(A)

### Interfaces to the BEETLE or PC

- RS232c
- USB 2.0 full-speed

### Interface for cash drawers on the printer

- RJ12

### Other features

- Buzzer
- Adapter for 57.5 mm paper (factory option)
- Vertical operating (no paper low signal)
- ENERGY STAR® (compliant power supply to be used!)

### Driver support

- Windows 32/64bit
- ProBase POS
  - JavaPOS
  - OPOS-UDM
- CUPS (Linux)

### Dimensions in mm (HxWxD)

- 134x145x184

### Weight

- Approx. 1.3 kg

### Footprint

- 267 cm<sup>2</sup>

### Colors:

- Lightgray or black

### Services (optional)

- Global Deployment Services
  - Rollout and installation
- Availability Services
  - Fast recovery and regular maintenance services
- Operational Services
  - Remote management and help desk for fast resolutions as well as for user support