

# Blackware

## PrintGuard 2100

*Your guard for  
production integrity!*

- Modular Windows XP-based software that controls the entire process
- Modular software: flexibility to create your desired configuration
- WYSIWYG job layout
- Printer and camera synchronization



---

The Blackware PrintGuard 2100 is the dedicated, multi head print controller for your complex numbering application. Equipped with a dedicated synchronization control unit, your valuable numbers are always printed on the right ticket.

With smart delay counts the various devices (printers and/or cameras) are always kept on track. With a maximum of four triggers, a maximum of four devices (printers and/or cameras) can be controlled.

The control system is capable of controlling the various types of state of the art ink jet printers, what makes your production environment independent of the type of printers installed.

The system is equipped with a runtime adjustable trigger delay for the printers and/or cameras, that allows you to fine-tune the print- or read position.

### **BLACKWARE BV**

Herenweg 64 unit 42  
3602 AR Maarsse

Tel. +31 346 265 778  
info@blackware.com  
www.blackware.com

Right on track!

## Specifications

### General controller features:

#### Input formats

- Dbase
- Access
- Excel
- CSV, Field count
- Fixed text
- Camera

#### Maximum number of records:

- 2G

#### Maximum record length:

- Fixed and delimited: 32,767 bytes
- Others: Database dependent

#### Maximum number of fields

- 245

#### Maximum field length

- Fixed and delimited: 32,767 bytes
- Others: Database dependent

#### Maximum fixed text length

- 32,767 characters

#### Codepages

- All Windows codepages
- Unicode

#### Editor

- Full graphic
- Drag and drop
- Full undo functionality
- WYSIWYG preview
- Advanced alignment
- Intelligent (line) positioning
- User definable defaults
- Grid alignment
- Flexible number formatting
- Flexible date and time formatting

#### Font

- All Windows TrueType fonts including extended characters
- All sizes, **bold**, *italics*
- 4 orientations: 0°, 90°, 180°, 270°

### Printer dependent features:

#### Printers

- Kodak
- Videojet
- Domino
- Rena
- Imaje
- Metronic

#### Logo

- BMP format

#### Barcode support:

- Planet
- Postnet
- Code128
- Code39
- Code93
- Interleaved 2of5
- EAN13
- EAN13+2
- EAN13+5
- EAN8
- EAN8+2
- EAN8+5
- UPC-A
- UPC-A+2
- UPC-A+5
- UPC-E
- UPC-E+2
- UPC-E+5

#### 2D barcode support

- Data Matrix
- PDF417

### Tracking features:

- One quadrature encoder
- One calibrator
- Maximum of 4 triggers for printers/cameras
- Maximum 4 printers/cameras
- Runtime adjustable trigger delay
- Synchronization between devices
- Stacker pusher control
- Read & Print