



Small Character Case Coding

High resolution coding solution for outer packaging

G-Series i-Tech thermal inkjet printing systems guarantee reliable, precise coding onto many materials. Our complete solutions for one- or two-sides-of-box coding get your line running quickly: small compact controllers and print heads are easily integrated into existing production lines. Combinations of barcodes, logos and alphanumeric messages can be printed. Message design is simple with class leading **QuickDesign** software or directly on board.



Perfect fit

G-Series is virtually service-free, modular and compact: set up controllers where convenient, the small print heads are easily integrated into production lines. Remote message selection and **i-Tech** features for automated cartridge monitoring make operation simple and error-free.

Optimised quality

Floating Print Head Brackets enable easy print head integration and ensure the ideal print position on each single product for crisp, clear readable codes every time.

Proven technology

Domino's own premium inks give perfect, high resolution codes on porous, semi-porous and non-porous substrates. The barcode validation option ensures barcode readability throughout the supply chain.

Versatile

Create messages on-board or using our class-leading **QuickDesign** software; Manage up to 2 print heads per controller; Enhance production safety, quality and ease of use with automated data management (optional).

Domino. Do more.

A solution tailored to you

- Floating Print Head Brackets for crisp, clear readable codes every time
- Easy message creation with class-leading software **QuickDesign**
- Automated message selection and barcode validation available to eliminate errors
- Water and ethanol based inks code on a wide variety of materials
- Controllers and print heads can be placed up to 25 m apart
- Comprehensive library of GS1 compliant barcodes
- High resolution up to 600 dpi and line speeds up to 300 m/min
- Customised solutions for one- or two-sides-of-box coding



Technical Specification: G130i

Print Heads i-Tech

Max. number of print heads 2
 Max. number of print groups 2
 Print speed From 300m/min (984 ft/min) at 60 dpi to 30m/min (98 ft/min) at 600 dpi (horizontal resolution)

Maximum print height 25.4 mm / 1" (2 x 12.7mm)

Graphics Yes (monochrome bitmaps)

External Memory USB

User Interfaces Graphical TFT, WYSIWYG entry

Interfaces Protocol: Modbus TCP

Control Languages English, German, French, Czech, Danish, Spanish, Italian, Portuguese, Swedish, Polish, Chinese, Korean, Russian, Hungarian, Dutch, Serbian, Latvian and Turkish

Bar codes 1D barcodes only: EAN 8, EAN 13, UPC-A, UPC-E, Code39, EAN128, Code128, ITF14, Interleaved 2/5

Fonts Arial Unicode all sizes

Dimensions

Controller Width: 270mm (10.63")
 Depth: 100mm (3.93")
 Length: 250mm (9.84")
 Weight: 3kg, 6.6lbs

Standard Print Head Width: 28.6mm (3.74")
 Depth: 95 mm (1.13")
 Length: 222mm (8.74")

Low Profile Print Head Width: 56.9mm (2.24")
 Depth: 50mm (1.97")
 Length: 152 mm (5.98")

Print Head Cable Length 5, 10, 25m available

Inks

Fast drying water and ethanol based inks, black, red, blue and green

Input & Output

Digital Inputs 4 (NPN/ PNP / 24V configurable)
 Digital Outputs 4 (24V), configurable
 Configurable Inputs/Outputs: e.g. start print (D-top), print direction, ready to print, print busy, alarm, ink cartridge low, cartridge empty, cartridge present
 Product Speed Detect 1 or 2 Photocells, RS422 Shaft Encoder option

G-Series i-Tech Features e.g. automatic ink detection, ink level sensing, cartridge present, ink cartridge health check, **AutoSwap**

Range Specifications

Construction Powdered coated steel
 Operating Voltage 90 - 264 VAC
 Frequency 47 - 63Hz
 Power 80 VA
 Operating Temperature 0 - 50°C
 Operating Relative Humidity 20 - 80% Non Condensing



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