![DOMINO]

G50i Thermal Ink Jet Coder

Self-installed, high-resolution thermal ink jet printer for your primary packaging, shelf ready display boxes and outer case coding needs.

The **G5**0i is our entry-level thermal ink jet (TIJ) printer which is an ideal option for those looking for a simple-to-use, simple-to-run system for basic product and box coding.

It is made up of two components – a printhead and touchscreen – making it easy to self-install, easy to fit into your existing production lines, and easy to use.

High-quality print

◆ Two printhead variants available: GP Printhead and EXT printhead

◆ Print height up to 12.7mm with the GP option, suitable for all of your standard & high speed coding needs, and 26.1mm with the EXT option, for larger machine-readable codes and your outer case coding needs

◆ For fast-paced production lines, the **G5**0i can code up to speeds of 76m/min with the GP option, and 60m/min with the EXT option at 300x300dpi (ink dependent)

◆ Print high resolution human- and machine-readable codes up to 600x600dpi with the GP option or up to 300x600dpi with the EXT option

◆ Domino-developed aqueous and solvent ink options are suited to porous, semi-porous and non-porous substrates, including paper, card, plastics, metal, films and foils

Easy to set up and use

◆ Simple user interface

◆ Easily create and edit labels either directly via the HMI, or use the web browser-based label designer application accessible via PCs, mobile and tablet devices. You can even load the labels via the HMI's USB port

◆ No complex installation process, no service and no maintenance contracts. Once installed, all that is required is replacing the ink cartridge within the printhead once empty

◆ Connect directly to a checkweigher via the communication port

Compact and versatile

◆ 5-inch touchscreen colour display

◆ Remote printhead support allows both vertical and horizontal installation, giving you more flexibility when connecting to existing production lines

Engineered solutions

◆ The **G5**0i supports database communication. Every print can be unique, enabling item-level coding and anti-counterfeit applications

www.domino-printing.com

Domino. Do more.

Applications:

The **G5**0i is suitable for flat-surface product and case coding, either onto films before forming and sealing, or onto boxes where there's no play in the product handling or conveyor. Typical applications include, but are not limited to, FMCG, personal care, and food packaging.
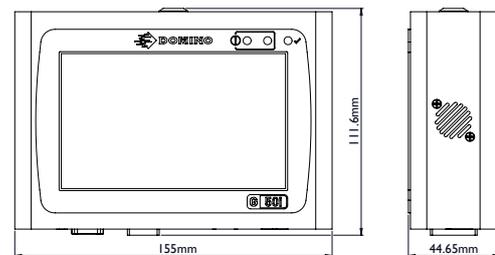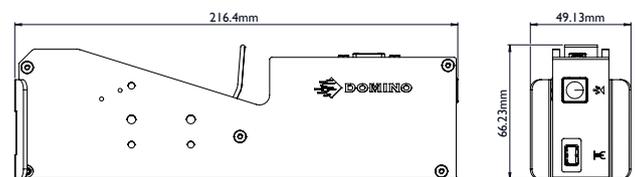

Technical specification: **G5**0i

Controller dimensions	155mm × 111.6mm × 44.6mm
Controller weight	622g
Printhead dimensions	GP printhead: 216.4mm × 66.2mm × 49.1mm EXT printhead: 216.7mm × 77.8mm × 49.1mm
Printhead weight	GP printhead: 412.4g EXT printhead: 430g
Print height	GP printhead: Max 12.7mm EXT printhead: Max 26.1mm
Resolution	GP printhead: 600×600dpi EXT printhead: 300×600dpi
Print speed*	GP printhead: Max 76m/min @300×300dpi EXT printhead: Max speed 60m/min @ 300×300dpi
External connection options	External sensor, encoder, and alarm beacon
Power supply	AC 100V-240V, 50/60Hz, DC 24V 2.5A
Controller operating temperature	+5 to +50°C
Operating relative humidity	90% non-condensing
Controller finish	Brushed aluminium
Inks**	A range of aqueous and solvent-based inks for porous and non-porous substrates
Communication	TCP/IP (RJ45) and COM (RS485) for database, barcode scanners, checkweighers, etc
User interface	5'' LCD touchscreen
Coding options	Text, counter Box/lot Date/time Expiry date Julian date Shiftcode Image Database 1D & 2D barcodes (Code 11, Code 39, Code 128, EAN, QR, Data Matrix, GS1 DataMatrix)
Printable characters Languages	Windows true fonts

*Ink dependent **This product has a Quality Management System that means that it will only work with Domino circuitry, and it uses dynamic security measures to block non-Domino circuitry from being used. From time to time updates to the circuitry will be issued by Domino to maintain the effectiveness of the Quality Management System.
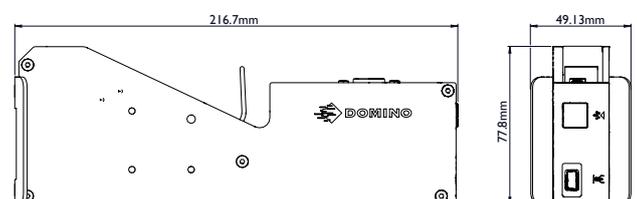
G50i controller

155mm   111.6mm   44.65mm

GP printhead – Top connector

216.4mm   49.13mm   66.23mm

EXT printhead – Top connector

216.7mm   49.13mm   77.8mm

TALK TO AN EXPERT

Contact details: enquiries@domino-uk.com
Telephone: +44 1954 782 056
Website: www.domino-printing.com