

Intended Use

The G50i is an industrial printer designed to be used indoors in a professional environment for printing onto a variety of substrates and products. Do not use for any other purpose unless authorised by Domino. If the equipment is used in a manner not specified by Domino, the protection provided by the equipment may be impaired.

Specification

Controller Dimensions:	155 x 111.6 x 44.65 mm
Controller Weight:	622 g
GP Print Head Dimensions:	216.4 x 65.1 x 49.1 mm
GP Print Head Weight:	412.4 g
EXT Print Head Dimensions:	217 x 77.5 x 49 mm
EXT Print Head Weight:	432 g
Power Supply Input:	100-240 V AC, 1.4 A, 60/50 Hz
Power Supply Output:	24 V DC, 2.5 A, 60 W
Maximum Power Consumption:	60 W
Temperature Range:	+5 to +50 °C
Humidity Range:	90% non-condensing
Maximum Altitude:	2000 m

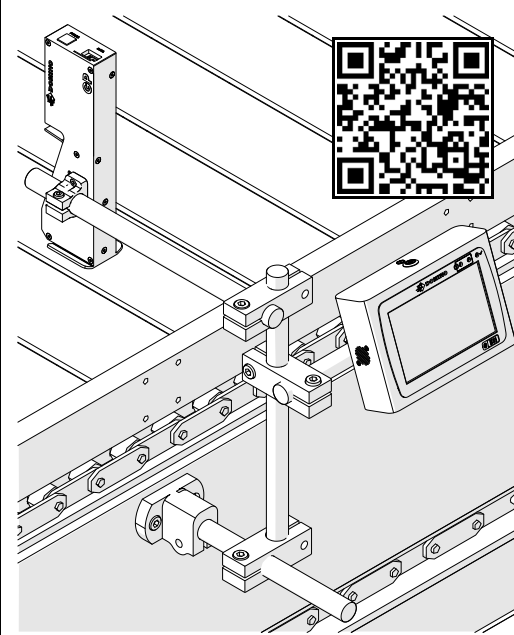
Health and Safety

- Read the full installation instructions in the product manual.
- Read the Safety Data Sheet (SDS) before storing, handling, transporting or using the ink cartridges at: <https://ulmysds.com/customers/domino.aspx>
- Wear protective equipment (gloves and eye protection) when operating the printer.
- Do not operate the printer outdoors, or in an environment outside of the specified operating range.
- Do not open any enclosed components of the printer or print heads. They contain no user serviceable parts.

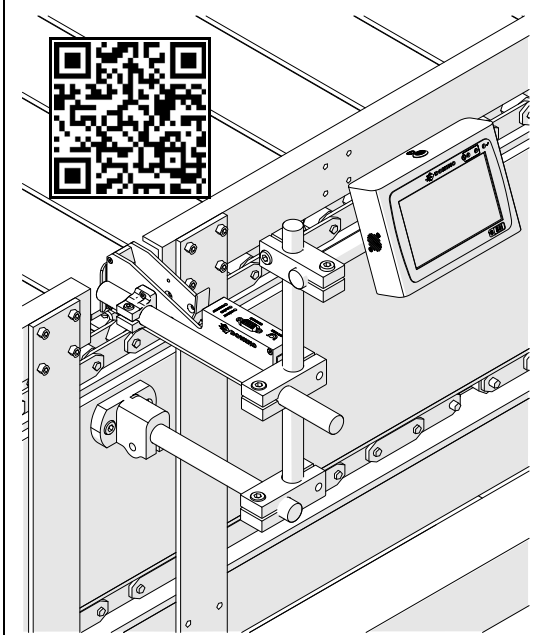
Disposal

- Obey local regulations to dispose of used cartridges and waste materials.
- At end of life, dispose of the printer separately at an appropriate collection point and not in the normal domestic waste stream.

Vertical Installation



Horizontal Installation



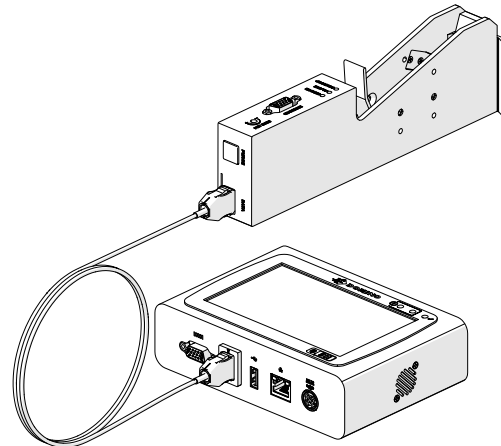
FCC Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Changes or modifications not expressly approved by Domino could void the user's authority to operate the equipment.

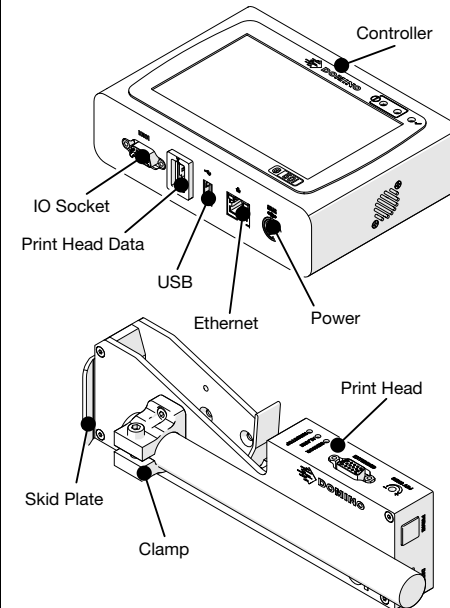
EMC Statement

This product may cause interference if used in residential areas, such use must be avoided.

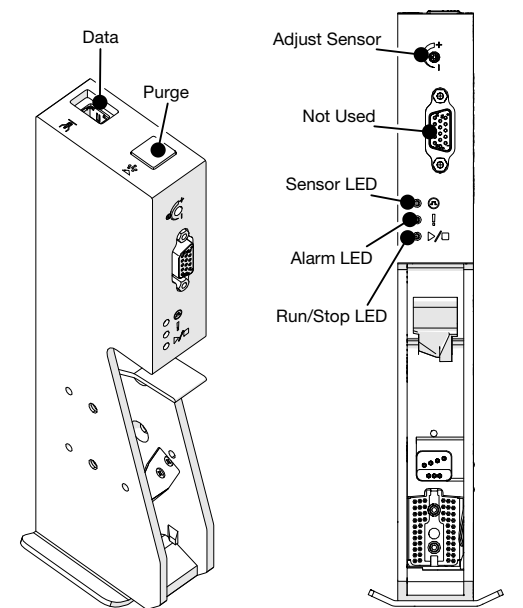
Print Head Connection



Description



Print Head Control



IO Socket Pin Description	
#	Female, 15-Way, High Density, D Connector
1	RS485B
2	Shaft Encoder Input B. Only use an NPN Shaft Encoder.
3	Shaft Encoder Input A. Only use an NPN Shaft Encoder.
4	Product Detect Sensor Input (PNP). Active when the input is high. Connect Ground from the input signal to Ground on the IO socket.
5	24 V DC, 1.5 A (3 A fuse) Output. This output is shared/combined with #12.
6	Ground
7	Beacon Connection, Stop, Red. Active low, open drain output. 47 K Ohm internal pull-up resistor to +24 V
8	Product Detect Sensor Input (NPN). Active when the input is low. Connect Ground from the input signal to Ground on the IO socket.
9	Beacon Connection, Print, Green. Active low, open drain output. 47 K Ohm internal pull-up resistor to +24 V
10	Spare Input. Active low with 47 K Ohm internal pull-up resistor to +24 V. Connect Ground from the input signal to Ground on the IO socket.
11	RS485A
12	24 V DC, 1.5 A (3 A fuse) Output. This output is shared/combined with #5.
13	Ground
14	Spare Output. Active low, open drain output. 47 K Ohm internal pull-up resistor to +24 V
15	Beacon Connection, Alarm, Yellow/Amber. Active low, open drain output. 47 K Ohm internal pull-up resistor to +24 V

IO Connection

Product Detect Sensor

External Shaft Encoder

Alarm Beacon

Electrical Power Supply

- Only use the supplied power supply adapter: Manufacturer: Mean Well Enterprises Co. LTD Model: GST60A24
- Make sure the wall outlet is accessible and close to the printer.
- Turn off the printer and disconnect the power supply before making any electrical connections.
- Make sure cables are not a trip hazard.
- Make sure cables can not get caught in other equipment.

External Sensor

- Select: >
- Set *Print trigger* to *Sensor*.
- Set *Sensor Mode* to *External*.
- Setup: *Repeat sensor*

Internal Sensor

- Select: >
- Set *Print trigger* to *Sensor*.
- Set *Sensor Mode* to *Internal*.
- Setup: *Repeat sensor*

External Encoder

- Select: >
- Set *Encoder input* to *External*.
- Setup: *Pulses/resolution, Diameter (mm), Resume encoder*

Internal Encoder

- Select: >
- Set *Encoder input* to *Internal*.
- Setup: *Speed (m/min)*

Cartridge Installation

- Insert and push forward the cartridge.
- Close latch.

Start Printing

- Select:
- Select a label template and select *Open*.
- Select: >

Stop Printing

Select:

Cleaning

- Turn off and disconnect the printer from the electrical power supply before cleaning.
- Clean the outside of the printer with a damp, lint free cloth.
- DO NOT use flammable chemicals for cleaning.
- Make sure all electrical connections are dry, before re-connecting the printer to the electrical power supply.

Make New Label Template

- Select: >
- Enter the *Name* of the template.
- Enter the *Width* of the template.
- Set the Print head type.
- Select *OK*.
- Select:
- Select an object type.
- Set the object's settings.
- Select:

Recycling Information in Accordance with the WEEE and Battery Directives

Product Mark Battery Mark

European Union Only

The product/battery is marked with one of the above recycling symbols. It indicates that at the end of the life of the product/battery, you should dispose of it separately at an appropriate collection point and not place it in the normal domestic waste stream.

Contact

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<p>Русский (RU)</p> <p>Чтобы загрузить этот документ на вашем языке, перейдите по ссылке: https://www.domino-printing.com/resources/g50i-resources/set-up-guide/g50i-operators-reference-guide-russian.pdf</p> <p>Чтобы загрузить полное руководство по эксплуатации на вашем языке, перейдите по ссылке: https://www.domino-printing.com/resources/g50i-resources/manuals/g50i-product-manual-russian.pdf</p> <p>Чтобы загрузить заявление о соответствии, перейдите по ссылке: https://www.domino-printing.com/resources/g50i-resources/declaration-of-conformity/declaration-of-conformity.pdf</p>	<p>Srpski (SR)</p> <p>Da biste preuzeli ovaj dokument na svom jeziku, idite na: https://www.domino-printing.com/resources/g50i-resources/set-up-guide/g50i-operators-reference-guide-serbian.pdf</p> <p>Da biste preuzeli potpuni priručnik proizvoda na svom jeziku, idite na: https://www.domino-printing.com/resources/g50i-resources/manuals/g50i-product-manual-serbian.pdf</p> <p>Da biste preuzeli deklaraciju o usklađenosti, idite na: https://www.domino-printing.com/resources/g50i-resources/declaration-of-conformity/declaration-of-conformity.pdf</p>	<p>Slovensky (SK)</p> <p>Ak si chcete stiahnuť tento dokument vo svojom jazyku, prejdite na stránku: https://www.domino-printing.com/resources/g50i-resources/set-up-guide/g50i-operators-reference-guide-slovak.pdf</p> <p>Ak si chcete stiahnuť úplný návod k produktu vo svojom jazyku, prejdite na stránku: https://www.domino-printing.com/resources/g50i-resources/manuals/g50i-product-manual-slovak.pdf</p> <p>Ak si chcete stiahnuť vyhlásenie o zhode, prejdite na stránku: https://www.domino-printing.com/resources/g50i-resources/declaration-of-conformity/declaration-of-conformity.pdf</p>	<p>Slovenščina (SL)</p> <p>Če želite prenesti ta dokument v svojem jeziku, pojdite na: https://www.domino-printing.com/resources/g50i-resources/set-up-guide/g50i-operators-reference-guide-slovenian.pdf</p> <p>Če želite prenesti celoten uporabniški priručnik v svojem jeziku, pojdite na: https://www.domino-printing.com/resources/g50i-resources/manuals/g50i-product-manual-slovenian.pdf</p> <p>Če želite prenesti izjavo o skladnosti, pojdite na: https://www.domino-printing.com/resources/g50i-resources/declaration-of-conformity/declaration-of-conformity.pdf</p>
<p>Українська (UK)</p> <p>Щоб скачати цей документ вашою мовою, перейдіть за посиланням: https://www.domino-printing.com/resources/g50i-resources/set-up-guide/g50i-operators-reference-guide-ukrainian.pdf</p> <p>Щоб скачати повну версію посібника з експлуатації виробу вашою мовою, перейдіть за посиланням: https://www.domino-printing.com/resources/g50i-resources/manuals/g50i-product-manual-ukrainian.pdf</p> <p>Щоб скачати декларацію відповідності, перейдіть за посиланням: https://www.domino-printing.com/resources/g50i-resources/declaration-of-conformity/declaration-of-conformity.pdf</p>			