

IntelliBar Mi410 Specifications

PCL Thermal Label Printers

Unique Specifications

IntelliBar Model No.	Mi410
Resolution	300 dpi/11.8 dppm
Max Speed	10 ips/254 mmps
Ribbon Width	1.5 in, 2.36 in, 3.15 in, 4.33 in (38 mm, 60 mm, 80 mm, 110 mm)
Max. Print Width	4.27 in / 108.5 mm
Media Print Lengths (Min - Max) (Media Wound Out)	0.10 in - 99 in/2.54 mm - 2514.6 mm
Media Thickness (Min - Max) (Media Wound Out)	0.003 in - 0.010 in (0.976 mm-0.254 mm)
Min - Max Media Width	1 in - 4.65 in (25.44 mm - 118.1 mm)
Standard Memory	32 MB Flash (4 MB user accessible) & 64 MB SDRAM
Weight	41 lbs/19 kg
Dimensions (WxDxH)	10.8 in x 18.7 in x 11.9 in (274 mm x 475 mm x 302 mm)
Print Head Pressure Adjustment	Automatic

Common Specifications

Printer

Operating Systems Supported	Windows XP - x86 & x64 Windows 2003 Server - x86 & x64 Windows 2008 Server R2 - x64 Mac OS X 10.3 and later OS400, iSeries (with AFP & HPT)	Windows 7 - x86 & x64 Windows 2008 Server - x86 & x64 Windows 8, 8.1, 10 Windows Server 2012 Linux, UNIX
Printer Command Language	Industry standard HP PCL, HP PCL5e, HP GL/2 and HP XL, printer languages with auto language select in addition to extensions for barcode capabilities. Also provides standard bi-directional host communication capabilities.	
Print Methods	Direct Thermal, Thermal Transfer	
Host Communication Interfaces	10/100 Base-T Ethernet & USB 2.0 device, optional USB 2.0 Host interface (USB Host Interface not available for Mi46 Series)	
Control Panel	QVGA Color graphical touchscreen display	
LEDs	2 LEDs - Power and error	
Real Time Clock	With user replaceable 3 year battery	
Chassis/Media Cover	Die cast and steel construction with plastic front and rear, clear media window	
Home Position Sensor	Double sided top of form sensor adjustable position for label gap, notch and reflective black mark on the bottom or top of form	
Media Supply	Self centering 1", 1.5" or 3" media hubs, 3" Standard	
Media Back Feed	Capable of backing up at least 1 in	
Tear Bar	For tearing off gapped or continuous media	
Media Low Sensor	Provides a user warning when the label media is low, which helps to reduce downtime	
Ribbon Low Sensor	Provides a user warning when the ribbon is low, which helps to reduce downtime	
Fonts	50 printer resident TrueType scalable fonts	
Downloadable Font Types	TrueType, PCL Bitmap (300 dpi), OCR-B, OCR-A	
Barcode Symbolologies	Aztec, Codabar, Code 128 Autoswitch, Code 128 Code Set A, Code 128 Code Set B, Code 128 Code Set C, Code 3 of 9, Code 93, DataMatrix, EAN-13, EAN-8, Extended Code 3 of 9, FIM, GS1 Databar (RSS), GS1-128(UCC/EAN Code 128), HBC, Interleaved 2 of 5 with a module 10 checksum, & shipping bearer bars, MicroPDF417, PDF-417, Planet, Plessey, Postnet, QR Code - Auto format, Telepen, UPC-A, UPC-E, UPS MaxiCode	
Graphic Support	Full support of PCL5e and GL/2 graphics capability is provided.	
Electrical	Universal (PFC-compliant) power supply 90-264 VAC; 47-63 Hz	
Power Button	Positioned on rear of unit	
Reset button	Recessed on rear of unit for recovery	
Agency Certifications	CFR 47 Part 15 Class A, EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 300 328 (wifi equipped units), IEC 60950-1 FCC A, ICES-003 A, CE, UL, C/UL, UL Mexico CoC, GOST-R	
Warranty	One year parts and labor limited warranty Print Head: 1 million inches or 1 year, whichever comes first	

User Installable Options

Media Liner Cutter	Capable of cutting .003 in / 0.076 mm to .010 in / 0.254 mm thick media liner only. Not for cutting through the label and adhesive.
Cutter Catch Tray	Catches cut media up to 6 in / 154 mm long. Capacity 100 labels

Replacement Print Head	Easily replaced by end users
Wireless Module	NETGEAR AC750 WiFi Range Extender

Factory Installable Options

Internal Rewinder with Manual Advance Peel Off	The Rewinder accepts a full 8in roll of media liner only, or 3.5 in / 90 mm roll of media. Peels off one label. The user takes the label and manually prompts the printer to print the next label.
Internal Rewinder with Automatic Advance Peel Off	Includes Rewinder and Media Present Sensor. The rewinder accepts a full 8 in roll of media liner only, or 3.5 in / 90 mm roll of printed media. Peels off one label. After the user takes the label the Present Sensor senses that the label has been taken and the printer automatically prints the next label.
Media Present Sensor	Senses the presence or absence of media (label, tag or ticket) in peel-off or tear-off modes.
Automatic Label Applicator Interface	Provides a GP I/O and serial port interface between third party automatic label applicators and the printer
USB Host Interface	USB 2.0 Type A connection on front of printer for mass memory storage and firmware updates.
Audio Alarm	Gives an audible tone to elevate error or warning conditions and shorten down time.

Ribbons

Ribbon Lengths	Wax Ribbons: 1,475 ft. (450 m) Resin Ribbons: 984 ft. (300 m)
Ribbon Types	<ul style="list-style-type: none"> Dura WaxXT for high-speed printing up to 10 inches per second on paper Rugged Wax/ResinXT for smudge resistant printing on paper and some synthetics Dura Wax/ResinXT for highly smudge resistant and scratch resistance printing on some papers and most synthetics Dura Resin PlusXT for chemical, heat and scratch resistance printing on synthetics

Operating Environment

Temperature	Operation F: 32° - 104° (C: 0° - 40°) Storage F: -4° - 140° (C: -20° - 60°)
Humidity	Operation: RH <=20% to 80%, Storage: RH <=35%

Media

Media Gap (Min - Max)	0.125 in - 4.0 in (3.175 mm - 101.6 mm) Can be as low as 0.0625 in (1.588 mm) for lower print speeds
Media Finishing	Standard, tear off, peel off, cut off
Media Form Factor	Roll-fed or fanfold, die cut or continuous media, 8 in / 203 mm roll max outside diameter on 3 in / 76 mm inside diameter core, 1 in / 24.5 mm and 1.5 in / 36.75 mm inside core diameters with optional media hubs.

Printer Drivers

Print Driver (Minimum System Requirements)	Processor/Speed 500 Mhz processor or better RAM 256 MB Hard Drive Space 26 MB
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