



# The HMI 1301-Z1



Single person lift



Fully Certified



Crisp & Bright Display



Super Fast Processor



Precision Engineered

Show-stopping design meets rugged toughness, in this revolutionary 19" machine built to survive the challenges of any Zone 1 environment.

Crafted from a single piece of aluminum, the 1301 is lighter and slimmer than other Zone 1 HMI's, IP66 and field maintainable too.

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# The HMi 1301-Z1



## Certification

Certified to ATEX, IECEx, AEx (NEC505) Section 18 CSA 22.2.



## Light & Slim

Weighing in at just 25.5kg (56.2lbs), the 1301-Z1 is just 145mm (5.7") thin



## Crisp & Bright Display

A high-bright 1000 nit display.



## Super Fast Processor

The intel core i7 processor works 100% from -40°C to +60°C - no throttling back here.



## Precision Engineered

Machined from a single piece of aluminium, this is precision engineering at its finest.

CERTIFICATION	ATEX, IECEx, NEC 505 & CEC
CERTIFICATES	*CML 19ATEX1320X, CML 21UKEX1069X IECEx CML 19.0096X QPS LR1377-4*
TYPICAL EX CODE	<b>ATEX</b> : II2 GD, Ex eb mb op is [Ib] IIC T4 Gb, Ex tb IIC T90oC <b>IECEx</b> : Ex eb mb op is [Ib] IIC T4 Gb, Ex tb IIC T90oC <b>USA</b> : Class 1, Zone 1, AEx eb db mb op is [Ib] IIC T4 Gb, Zone 21, AEx tb IIC T90oC Db <b>Canada</b> : Ex db ib mb IIC T4 Gb, Ex tb IIC T90°C Db
POWER SUPPLY	Auto ranging 100-240Vac 50-60 Hz, 1.3A
OPERATING TEMPERATURE	-40°C to +60°C (-40°F to 140°F) -40°C to +55°C (-40°F to 131°F) with Media converter fitted
HUMIDITY	10 to 90 % non-condensing operating
WEIGHT	25.5kg (56.2lbs) excluding connectors, cables and accessories
SIZE	Metric : 476mm x 427mm x 145mm (W x H x D) Imperial : 18.75" x 16.81" x 5.7" (W x H x D)
MATERIAL	Enclosure - Aluminium Alloy, Hard anodised, Natural finnish External fittings and Accessories - SS316 or similar*
INGRESS PROTECTION	IP66 / NEMA4X
OPTIONAL INTERFACES	All options are optional – USB, Ethernet (copper or fibre) are <u>not</u> standard
PROCESSOR/MEMORY	Processor : Intel Core i7, 6th Gen Skylake 6600U Intel Core i7, 7th Gen Kabylake 7600U Memory : 8Gbyte (2 x 4), 16Gbyte(2 x 8), 32Gbyte(2 x 16) DDR4 - 2133Mhz
DISPLAY	Aspect Ratio : 19", 5:4 Reslution : SXGA 1280 x 1024 Colour : 24 bit Sunlight readable, High bright 1000 Nit Antiglare etch IR filter
TOUCHSCREEN	Projected Capacitive Tuned for Water rejection and gloved hand operation.
DIAGNOSTICS	LED Diagnostic Indicators.
FRONT PANEL CONTROLS	Screen Brightness, Control switch backlight brightness, Radio Silence Mode Touch Screen Disable Mode, Standby Mode
OPTIONS	Wireless (IS) : Wi-Fi - IEEE 802.11 a/ b/ g/n/ ac 2.4G hz & 5G Hz. Xbee 802.15.4. Microhard IPn920 - 900Mhz. Bluetooth Fibre (OP IS) : 1310nm, 850nm. Remote interrogation and on board Diagnostics

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Design and specifications subject to change without notice.  
Errors and omission excepted

