



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.

hmielements.com



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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 IECEX CML 19.0096X QPS LR1377-4* |
| TYPICAL EX CODE | ATEX : II2 GD, Ex eb mb op is [Ib] IIC T4 Gb, Ex tb IIC T90oC IECEX : Ex eb mb op is [Ib] IIC T4 Gb, Ex tb IIC T90oC USA : Class 1, Zone 1, AEx eb db mb op is [Ib] IIC T4 Gb, Zone 21, AEx tb IIC T90oC Db Canada : 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 7075, 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/MEMEORY | 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 Restlution : 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

