



HMI ELEMENTS
REFINED STRENGTH



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

*Certification imminent

The HMi 1301-Z1



Certification*

Certified to ATEX, IECEx, AEx (NEC505) Section 18 CSA 22,2.



Light & Slim

Weighing in at just 21.5Kg / 47.3lbs, the 1301-Z1 is just 150mm/ 5inches 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.



TYPICAL EX CODE	II2 GD Ex eb db q op is [ib] IIC T4 Gb Ex tb IIIC T135°C Db Class 1, Zone 1, AEx eb db q op is [ib] IIC T4 Gb Zone 21 Ex tb IIIC T135°C Db IP66
POWER REQUIREMENTS	Choice of universal operating voltages: PSU built in AC or DC
OPERATING TEMPERATURE	-40°C to +60°C.
STORAGE TEMPERATURE	-40°C to +85°C.
HUMIDITY	10 to 90 % non-condensing, operating. 0 to 100 % non-operating.
WEIGHT	21.5Kg / 47.3lbs (Excluding connectors, cables and accessories)
SIZE	430(W) x 410(H) x 150(D)mm/16.9" x 16.1" x 5.9"
MATERIAL	Enclosure is Aluminium Alloy 7075 Hard Anodised Natural Finish. External Fixings and Accessories SS316 or similar
INGRESS PROTECTION	IP66/NEMA4X.
INTERFACES	IS Ethernet, IS USB, IS PS/2, communications.
PROCESSOR/MEMORY	Intel iCore 6th/7th generation Memory Options DDR4 - 8, 16 or 32 Gbytes DDR4 DRAM
DISPLAY	19" SXGA,1280x1024, wide viewing angle, 24 bit colour. Sunlight readable high brightness panel, IR filtering and anti-glare coating.
TOUCHSCREEN	Projected Capacitive.
DIAGNOSTICS	LED diagnostic indicators
OPTIONS	Wi-Fi connectivity IS Bluetooth connectivity Fibre optic connectivity (op IS) Remote interrogation of on-board diagnostics Built in camera

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

United Kingdom

HMi Elements Ltd
Unit A & B, Windmill Industrial Estate,
Showfield Lane, Malton, UK, YO17 6BT
T +44 (0) 1653 699 908

United States

HMi Elements Inc
10900 Brittmoore Park Drive, Suite I,
Houston, TX 77041, USA
T +1 (0) 281 674-7815

hmielements.com

*Certification imminent
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