

THE 490-Z1

12.1" ZONE 1 HUMAN-MACHINE INTERFACE

The latest generation of our 12.1" Zone 1 unit, featuring an innovative modular design, allowing for easy maintenance right in the field.

Stand-alone, IP66 on all sides solution ready to perform in the harshest of Zone 1 environments.



FULLY CERTIFIED

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



LIGHTWEIGHT

Weighing in at just 15kg (33lbs)
W 385 x H 260 x D 116mm; 15.2 x 10.2
x 4.6 inches



CRISP & BRIGHT DISPLAY

Sunlight readable PCT display.



VERSATILE MOUNTING OPTIONS

Choice of mounting & connector options
Yoke, VESA and Panel mounting. Rear or
bottom mounted connectors.



MODULAR

For Field Maintenance

PRODUCT TYPE	PC Workstation / Driller's Display Unit (DDU) / Multi-Use Zone 1 / 21
MODEL NO	490-Z1
TYPICAL EX CODE	ATEX: II 2(2) GD, : Ex eb ib mb [ib] IIC T4 Gb : Ex tb [ib] IIIC T135 °C Db IECEX: Ex eb ib mb [ib] IIC T4 Gb : Ex tb [ib] IIIC T135°C Db USA: Class 1, Zone 1, AEx eb ib mb [ib] IIC T4 : Class II, Zone 21, AEx tb [ib] IIIC T135 °C Canada: Ex eb ib mb [ib] IIC T4 Gb : Ex tb [ib] IIIC T135°C Db
DISPLAY SIZE	12.1" LCD panel with LED backlight display
DISPLAY TOUCH	Projected Capacitive Technology (PCT) - Multi Touch, Glove Friendly
RESOLUTION	1024 x 768 / 600 Nits
PROCESSOR	Quad Core Intel celeron N2930 1.83G
OPERATING SYSTEM	Windows 10 IoT Enterprise LTSC
STORAGE	160GB, 320GB.
MEMORY	8GB DDR3 SDRAM
ETHERNET OPTIONS	(optional) Copper Ethernet port 10/100/1000 Mbits/s Base-T (optional) Fibre Optic port via 850nm or 1310nm
WI-FI / BLUETOOTH	2.4 and 5 Ghz Wi-Fi (802.11 ac/a/b/g/n) Bluetooth
KEYBOARD / MOUSE	(optional) Intrinsically Safe PS/2 Interface (TBA)
USB	Internal USB port for Safe area (optional) External USB type 2.0 port via Gland, Exlink or DR4 connectors
INGRESS PROTECTION	IP66. Designed to meet NEMA 4X
OPERATING TEMP	-40°C to +60°C (-40°F to +140°F)
HUMIDITY	operating 10 to 90% non-condensing non-operating 0 to 100%
WEIGHT	< 31lbs / 13.7kg
DIMENSIONS	W 385 x H 260 x D 116mm; 15.2 x 10.2 x 4.6 inches
SHOCK & VIBRATION	Shock: In accordance with BS EN60068-2-27:2009 Vibration: In accordance with BS. EN60068-2-6:2008

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

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