

DATA SHEET

To learn more, call 3D-P
at + 1.403.203.3018

Visit www.3d-p.com

MINING TOUGH

3D-P's Intelligent Endpoints are purpose built for mining and meet the most demanding environmental specifications.

REMOTE MANAGEMENT

All of 3D-P's Intelligent Endpoint Products can be remotely and securely configured from anywhere on your network using Endpoint Manager office software.

ADDITIONAL OPTIONS

- External GPS
- 3D-P IEP Software

e20 Phantom

Product overview

With the e20 Phantom, 3D-P introduces a new, cost-effective computing platform for plant and fixed assets. Specifically designed to run 3D-P Production and Maintenance Reporting Systems, powered by iVolve, the e20 Phantom makes the right hardware for those simple deployments on plants, light vehicles, etc.

Designed for Mining

As part of the Intelligent Endpoint® family, the e20 Phantom meets the most demanding environmental specifications including IP-67 sealing and MIL-STD-810F temperature, vibration and shock.

The e20 Phantom provides network connectivity through two ruggedized Ethernet ports and an integrated RS-232 serial port.

The IEP Suite

The computing platform built into the e20 Phantom supports all standard 3D-P onboard software utilities including full network protocol support.

Available as an option on the e20 Phantom, the 3D-P IEP-SUITE allows direct and simplified integration and management of multiple mining applications.



FEATURES

- Linux OS, AMD Geode LX 500MHz, 512 MB SDRAM, 8GB Solid State HD
- Endpoint Manager™ compatibility
- Full network protocol support

Rugged Mobile Computing

Specifications

ENVIRONMENTAL

- -40 to +75C (operational)
- Vibration: 10g
- Shock: 20g
- Ingress Protection: IP67

WIRED INTERFACES

- Power & Data
1 x RS232 Serial Console
1 x RS232 Serial
- Ethernet: Weatherproof RJField System 2 x RJ45
- 1 x USB 2.0

ELECTRICAL & PHYSICAL

- Power requirements: 12-48 VDC, 15W
- Overload protected
- Dimensions: 8" x 5.44" x 3.5"
- Weight: 2 kg

LED INDICATORS

- Red: 5VDC indicator
- Green: Indicates radio connectivity (blink)

Ordering Information

MODEL

- PHM-E20: e20 Phantom, 1 Serial, 2Eth

CABLES

- CBL-E20PWR2SU6: Cable, Light Duty R3/R4, Pwr, DB9(F), DB9(M), USB(F)
- CBL-PWR6: Cable, Pwr, 6ft.
- CBL-PWR50: Cable, Pwr, 50ft.
- CBL-PWR1S6: Cable, Pwr & Data, DB9(F) Console, 6ft.
- CBL-PWR2S6: Cable, Pwr & Data, DB9(F) Console, DB9(M), 6ft.

HARDWARE

- SAB-KEXTBRKH: e30 Sabre Mounting Bracket

CONNECTORS

- CON-RJF6B: External Weatherproof Ethernet Plug

GPS (OPTIONAL)

- Via USB (PN: RAJ-GPSANT)

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