



Compass Directional Guidance, Inc.

Your Source for Reliable & Modular MWD Technology Systems

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TECHNICAL DATA SHEET

Compass Computing/Filtering/Displaying Unit (CCFD)



- Harsh environment computer and filtering package with an easily attached monitor which is "Intrinsically Safe"
- Monitor incorporates touch screen technology and is a separate unit to help with heat build-up that can result in failures and damage
- The CCFD has all digital signal processing with a fully automatic pulse filter and height adjustment
- Resistant to dirt, shock, and vibration

CCFD Specifications

PC (PC104 Format)	1 GHz Processor Celeron M (fanless)
	1 GB RAM
	16 GB flash drive
	4 USB (3 used - 1 free)
	2 Serial RS232 ports (both used)
	Wireless Ethernet 802.11 A, G
	Gigabit Ethernet
Display	Windows XP Professional
	10": 600 x 800
	Resistive touch screen
Filtering/Decoding	Sunlight readable
	Tool configuring
	Pressure sensor filtering/decoding via proprietary Filter/decoding card software
External Connectivity	Tool Configuring (Non-Intrinsically Safe)
	Pressure Sensor 4-20mA (Intrinsically Safe)
	USB Type B (Non-Intrinsically Safe)
	Ethernet RJ45 (Non-Intrinsically Safe)
	Video LVDS
	Wireless Antenna - Type N
	Power AC 110V - 220V
Size/Weight	PC: 18.9" x 9.4" x 4.7" / 16 lb
	Display: 11.8" x 7.8" x 2.3" / 4 lb
Operating Temperature	PC: -10° C to +70° C (14° F to +158° F)
	Display: -40° C to +70° C (-40° F to +158° F)
Other	Watertight PC: IP54 Display: IP68
	Pressure transducer signal protected with Zone2 barrier
	AC incoming power filtered by noise filtering device