



Key Features & Benefits

- Rugged, ergonomically designed, 100% sealed cast aluminum on-machine display housing, with no internal moving parts
- Advanced LCD display screen with adjustable brightness capability and viewing angle to accommodate different operational lighting conditions
- A real-time multitasking operating system designed for mobile applications
- Positive contact keyboard with backlit keys and tactile feel when pressed
- Environmentally sealed data card slot with quick release door
- Integrated, operator feedback beeper
- High speed processor with low power consumption specifically for mobile applications which ensures reliable field operation and performance
- Input connection – single power and data connector (39-pin Mil-spec)
- Display mounting system which includes mount post and quick release locking swivel arm for a wide range of articulation
- Quick System Configuration ensuring that all necessary operator display and machine configuration information are saved and can be restored when swapping the display between machines, for faster system startup
- A front loading, industry standard data card slot, making design data transfer to
- A quick release door located on the front panel on the display making the data c

Options and Accessories

Product Specifications

Characteristics

Size:

Length:	170mm (6.7")
Width:	230mm (9.0")
Depth:	101mm (4.0")

Weight: < 3 kg (6 lb)

Display: 178mm (7.0"), 480(w) x 234(h) pixel extended quarter VGA, 65,536 true colour, TFT active matrix, 400+ lux, sunlight readable, scratchresistant, low-glare glass.

General Housing Materials: Fully sealed, high pressure die cast aluminum housing

Memory:

Environmental Characteristics

Temperature:	
Operating:	Surface: -20 to +80°C (-4°F to +176°F) Ambient: -20 to +60°C (-4°F to +140°F)
Storage:	-40 to +85°C (-40°F to +185°F)
Vibration:	Shock-resistant system with mount post and quick release locking swivel arm.
Humidity:	100% fully sealed, weatherproof
Sealing:	fully sealed to 34.48 kPa (5 PSI) IP68 / NEMA 13 Ingress Protection
Chemical Splash:	
Thermal Shock:	
Immersion:	
Pressure Wash:	
Salt & Fog:	
Key Actuations:	
System Level EMC:	
Emissions:	
Susceptibility:	

Technical Specifications

Electrical Input Voltage:	9 to 32 VDC
Reverse Voltage Protection:	
Load Dump Protected:	
Power-Up Initialization:	
Supply Power	25 W (maximum 35 W)
Supply Current	
Standby Power	
Display Brightness	

Communications Specifications

CAN Communication Protocol:
Data Port Protocol:

Switches

OFF/ON/SET-UP
Right and Left Push Button
Center Push Button
Right and Left INC/DEC switches
3 Position Select

Primary I/O Connector Styles

Trimble CB430 39-Pin Connector

Specifications subject to change without notice.

© 2010, Trimble Navigation Limited. All rights reserved. Trimble and the Globe & Triangle logo are trademarks of Trimble Navigation Limited, registered in the United States and in other countries. All other trademarks are the property of their respective owners. PN 022482-2115

Trimble Heavy and Highway Division

10355 Westmoor Drive, Suite 100

Westminster, CO 80021

USA

800-538-7800 (Toll Free)

+1-937-245-5154 Phone

+1-937-233-9441 Fax

www.trimble.com

Trimble Authorized Distribution Partner