VT-858K

12.1", Resistive / Capacitive Touch, J1900, Windows 7/10, WiFi / Bluetooth / 4G / 5G / GPS, Vehicle Mount Computer



Rohs CE FC

Introduction

VT-858K is the latest generation of ruggedized vehicle mounted computer that comes with Intel Baytrail platform processor and Windows Embedded Standard or Professional operating system. It harnesses full Microsoft® Windows® computing power in a mobile environment, optimizes application and network management compatibility while remaining flexible enough to run multiple advanced applications.

VT-858K incorporates 12.1-inch industrial resistive touch screen, 8~36V wide-range DC input with power ignition function, optional 802.11 a/b/g/n/ac, Bluetooth V4.0, full Netcom LTE/3.5G, GPS/GNSS/Beidou, CAN2.0B modules that adapt itself to application in warehousing forklift, logistics, container trucks and so on. It meets the MIL-STD810G of anti-shock and anti-vibration, IP65 standard of dust and water proof that enable it operating freely in the most demanding environment

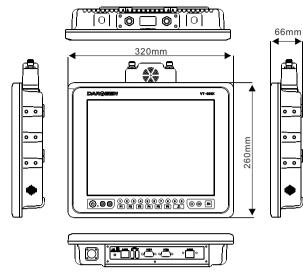
Features

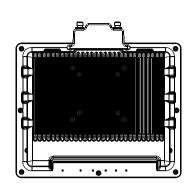
- 12.1" LED backlight panel with resistive capacitive touch screen
- Rugged aluminum enclosure and fanless design
- IP65 dust/water protection
- Front panel intergrated Numeric and Function keys
- Meet MIL-STD 810G standard anti-vibration shock
- Wide range 8-36V DC Power input with ignition control
- VESA 75 and 100 standard mounting
- Flexible expansion capability for WiFi, Bluetooth, LTE, GPS, CAN2.0B



VT-858K

Dimensions





Specifications

System		RF Communication	
Processor System Memory Storage Operating System	Intel Quad-Core Celeron J1900 (2.0GHz) 4GB SO-DIMM DDR3L-1333 (up to 8GB) 128GB mSATA SSD (up to 256GB) Windows 10 IoT Enterprise LTSC Windows 7 Professional Windows Embedded Standard 7	WLAN WWAN Bluetooth GPS	802.11a/b/g/n/ac (Optional) 4G LTE (Optional) Bluetooth 4.0 (Optional) SIRF III GPS/GLONASS (Optional) Beidou GPS (Optional) U-Blox GPS (Optional, 2.5 meters positioning accuracy)
Display		Audio	
Size Resolution Brightness	12.1-inch 1024 x 768 500 nits	Speaker Power Management	2 x Speaker (8 Ω, 2W)
Backlight Touch Screen	LED Backlight	Power Input Power Consumption Ignition On/Off	8~36V DC 16W typ. Power on delay, default 10 seconds;
Туре	VT-858K: 5-Wire Resistive Touch screen VT-858K-C: Multi-touch Capacitive Touch screen	·	Power off delay, default 10 seconds; (On/Off delay time can be changed via BIOS setting);
Keypad & Keyboa	rd	UPS Battery Environmental	3350mAh/7.2V (Optional)
Keypad	Power On/Off Brightness and Volume Adjustment Power LED Indicator 0-9 Numeric Keys F1-F6 User-defined Function Keys Enter and Backspace	Operating Temperature Relative Humidity IP Proof Shock and Vibration Certifications	5%-95%, non-condensing IP65 (I/O interface must be closed) Shock: MIL-STD-810G Method 516.6 Procedure I Vibration: MIL-STD-810G Method 514.6 Procedure I
I/O		Mechanical	CE, FCC
Series Port	1 x RS-232/422/485 (COM1, full-function, Pin9 can be set to RI, 5V or 12V by jumper) 1 x RS-232 (COM2, full-function, Pin9 can be set to RI or 5V by jumper)	Housing Dimension (W x L x H) Weight	Aluminum 320 x 260 x 66 mm 3.8 Kg
USB Port	1 x USB2.0 1 x USB3.0		-
LAN Port	4G LTE (Optional)		
DI/DO	4DI/2DO (Optional, with 3.3V power, substitute COM2)		
CAN Bus	2 x CAN2.0B (Optional, compatible CAN2.0A, support J1939 protocol and in accordance with ISO 11898-1/2/3,substitute COM2)		
Others	1 x SIM Card Slot (push and push) 1 x Power Connector 2/3/4 x TNC Connectors for External Antenna (WiFi, Bluetooth, WWAN, GPS) 1 x Battery Switch		

