



## “CZ10” going along all the way

### **Kinco HMI Dedicated for Vehicle**

#### **A8 structure, swifter & stronger processing**

- RISC Cortex-A8 800MHz CPU with higher processing speed, smoother running performance;
- Larger storage area, 256MB FLASH+256MB DDR3.

#### **Humanized design facilitating operation**

- Self-adaptable backlights for keys facilitating clearly visible operation in the night;
- Wide-temperature industrial LED with operating temperature -20~70°C, high brightness, full-view, sunlight readable.

#### **Various Interfaces for carefree expansion**

- 2 CAN interfaces, supporting CANopen/CANJ1939;
- 2 serial ports, supporting RS232/485/422;
- 2 video input, adaptable for multi- channel monitor.

#### **Multi-protection enhancing stability & reliability**

- Completed metal structure ensures powerful cooling performance, shock-proof and anti-interference capability.
- Isolation design for power supply and serial ports, ruling out external interference to the most extent.

## CZ10



Model	CZ10	Mechanical dimensions (Unit:mm)
<b>Performance specification</b>		
Display	10.4" TFT	
Resolution	640×480 pixels	
Color	65536 colors	
Brightness	500cd/m <sup>2</sup>	
Backlight	LED	
Backlight life	50000hr.	
Touch panel	None	
Function key	18 programmable keys	
CPU	RISC Cortex-A8 800MHz	
Memory	256MB FLASH+256MB SDRAM	
Recipe memory&RTC	32KB & RTC	
Printer port	None	
Program download	1 USB2.0/Serial port	
Com port	2×CAN, 1×RS232/RS485/RS422, 1×RS232, 1×USB Slave	
Video interface	2×CVBS analog signal(PAL/NTSC) input, BNC connector	
<b>Electrical specification</b>		
Rated power	12W	
Rated voltage	DC24V	
Input range	DC9V~DC36V	
Power down allowed	<3ms	
Insulation resistance	Greater than 50MΩ @500V DC	
Dielectric strength test	500V AC 1 minute	
<b>Structure specification</b>		
Shell color	Brown	
Shell material	Aluminum	
Dimensions(mm)	300×226×70	
Cutout size(mm)	289×215	
Weight	3.3KG	
<b>Environment specification</b>		
Operating temperature	-20~70°C	
Operating humidity	10~90%RH (no-condensing)	
Storage temperature	-30~70°C	
Storage humidity	10~90%RH (no-condensing)	
Shockproof test	IEC 68-2-6	
Cooling method	Natural air cooling	
<b>Certification</b>		
Degree of protection	IP65(4208-93) (front panel)	
CE certification	Comply with EN61000-6-2:2005/EN61000-6-4:2007 standards	
FCC compatibility	Complies with FCC Class A	