ELITE DASH
TECHNOLOGY

E-12 MINI

10.3" DISPLAY MANUAL



NEXT GENERATION INNOVATIONS

The Elite Dash display presents live ECU data, including RPM, speed, temperatures, pressures, and sensor states, without any delay.

Additionally, it boasts an extensive set of features such as data logging, GPS integration, Navigation, drag timers, Keypad, adjustable shift lights, and much more.

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FEATURES

- Live, real-time display of ECU data
- High brightness Anti-Glared for sunlight readability
- internal Data-logging
- Diagnostic Reader or Clearing Error Codes
- Can replace the display clusters in modern vehicles
- Wide range of compatibility with aftermarket and factory ECUs
- Easily integrates with OBDII 327 ELM Protocol
- 23+ Premium Themes
- Full Navigation System with Radar Detector
- Oil maintenance notification pop-up
- Fully Customizable CAN Keypad
- Customization
- Adjustable RPM shift lights
- Adjustment from MPH to KPH and more!

PHYSICAL

- Display: 10.3" (1920 × 720)
- Weight 1800g
- 1 x USB waterproof connector
- 1 x 23P Waterproof connector
- For exact dimensions and mounting, request the 3D CAD file: contact@elitedash.ae

INPUTS

- 1 x USB ports
- 7 x Digital inputs
- 7 x Analogue inputs
- 2 x Output Analog
- 1 x Camera
- 1 x GPS Antenna
- 1 x Wi-Fi Antenna

SPECIFICATIONS

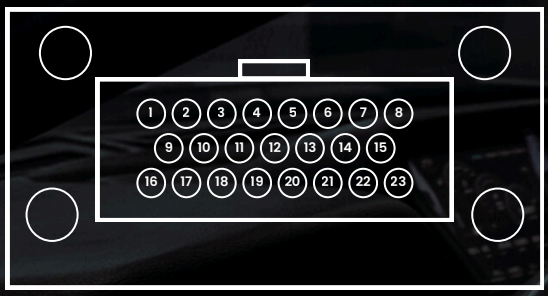
- 10.3" LCD Resolution: 1920 x 720
- Touch Screen
- CPU: RK3568J
- Frequency: 1.8GHz
- RAM: 4GB DDR4
- ROM: 32GB eMMC
- Sleep current: ~8mA
- System: Android 11
- Fast Boot Up 1.9 seconds
- USB Ports: 1
- Analogue input: 7
- Digital Input: 7
- Output Analog : 2
- Built-In CAN: 1x CAN2.0 B
- GPS: 10HZ-25HZ
- CAN Rotary Switch 3 Position
- CAN On/Off Switch : 8
- CAN Hold Value Switch : 1
- Built In Resistor 120 Ω

OPERATING TEMPERATURE

- Internal: - 20°C to 105°C
- Typical ambient temperature range in free air: - 20 °C to 85 °C

POWER SUPPLY

- Operating voltage: 6 to 18 V



PIN:	NAME:	FUNCTIONS:
1	VBAT+	Battery positive 6V ~18V
2	CAN L	CAN Bus Low
3	CAN H	CAN Bus High
4	Digital Input 1 (Low Beam)	Digital input 0V ~18V
5	Digital Input 2 (High Beam)	Digital input 0V ~18V
6	Digital Input 3 (Right indicator signal)	Digital input 0V ~18V
7	Digital Input 4 (Left indicator signal)	Digital input 0V ~18V
8	Digital Input 5 (Reverse Light)	Digital input 0V ~18V
9	Digital Input 6 (Door)	Digital input 0V ~18V
10	Digital Input 7 (Parking Brake)	Digital input 0V ~18V
11	Camera AV input	Video input
12	GND	Battery negative
13	GND	Battery negative
14	Ignition	Ignition input, active high
15	Analog Input 7 (Battery Voltage — optional)	Analog Input 0V~18V, 12bit
16	Analog Input 6 (Spare)	Analog Input 0V~18V, 12bit
17	Analog Input 5 (Spare)	Analog Input, 1 kΩ pullup to 5V, 12bit
18	Analog Input 4 (4WD)	Analog Input, 1 kΩ pullup to 5V, 12bit
19	Analog Input 3 (Main Fuel Tank)	Analog Input, 1 kΩ pullup to 5V, 12bit
20	Analog Input 2 (Sub Fuel Tank)	Analog Input, 1 kΩ pullup to 5V, 12bit
21	Analog Input 1 (Spare)	Analog Input, 1 kΩ pullup to 5V, 12bit
22	Output 2	Low side switch, 1A max
23	Output 1	High side switch, 1A max, battery voltage

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WE ARE HERE TO HELP!
CONTACT US NOW

WEBSITE: elitedash.ae

CUSTOMER SUPPORT: contact@elitedash.ae

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