

Display	2.1" TFT LCD	2.47" TFT LCD	3" TFT LCD	4.2" TFT LCD
Resolution	320(H) x (R,G,B) x 320(V)	480(H) x (R,G,B) x 480(V)	432(H) x (R,G,B) x 432(V)	720(H) x (R,G,B) x 720(V)
LCD type	MVA	IPS	IPS	IPS
Brightness	480	400	1000	1000
Operation Temperature	-20 ~ +70 °C	-20 ~ +70°C	-30 ~ +85 °C	-30 ~ +85 °C
Interface	MIPI or RGB	MIPI	TTL	TTL
Touch	N/A	N/A	PCAP	PCAP



Function
Tachometer RPM
Speedometer MPH
Odometer
Oil Quantity
Water Temp
Oil Pressure

Communication
NMEA 2000
SAE-J1939
Analog Input

Vehicle Digital Cluster



Meter Gauge		
Display	3" TFT LCD	4.2" TFT LCD
Resolution	432(H) x (R,G,B) x 432(V)	720(H) x (R,G,B) x 720(V)
LCD type	IPS	IPS
Brightness	4100080	1000
Operation Temperature	-30 ~ +85 °C	-30 ~ +85 °C
Interface	TTL	TTL
Touch	PCAP	PCAP
Vehicle Cluster		
Display	7" TFT LCD	5" TFT LCD
Resolution	1024(H) x (R,G,B) x 600(V)	800(H) x (R,G,B) x 480(V)
LCD type	IPS	IPS
Brightness	4100080	1000
Operation Temperature	-30 ~ +85 °C	-20 ~ +70 °C
Interface	TTL	TTL
Touch	PCAP	PCAP

Marine Gauge



Marine Gauge solution

- Multi-functional round LCD instrument, including Speedometer, Tachometer, oil pressure, oil level, water temperature, Odometer
- Round 2.1" or 3" LCD display with LEDs backlight
- Waterproof design
- Support SAE-J1939, NMEA2000 and analog input



Production Specification

	7" TFT LCD	5" TFT LCD
Display	7" TFT LCD	5" TFT LCD
Resolution	1024(H) x (R,G,B) x 600(V)	800(H) x (R,G,B) x 480(V)
LCD type	IPS	IPS
Brightness	4100080	1000
Operation Temperature	-30 ~ +85 °C	-20 ~ +70 °C
Interface	TTL	TTL
Touch	PCAP	PCAP

HMI Control Knob / Encoder

Small size 1.3" & 2.1"

- Watch/wearable design
- Gaming button
- Control wheel/knob

Medium size 3" & 4.2"

- Information display
- Access control
- Water system control
- Face recognition system
- Smart home device
- BL brightness 200~500nits
- OGS and Low cost IC controller

	1.3" TFT LCD	2.1" TFT LCD	3" TFT LCD	4.2" TFT LCD
Display	1.3" TFT LCD	2.1" TFT LCD	3" TFT LCD	4.2" TFT LCD
Resolution	240*RGB*240	320*RGB*320	432*RGB*432	720*RGB*720
LCD type	IPS	MVA	IPS	IPS
Brightness	220	400	500	500
Operation Temperature	-20 ~ +70 °C	-20 ~ +70 °C	-20 ~ +70 °C	-20 ~ +70 °C
Interface	SPI	MIPI or RGB	TTL	TTL
Touch	N/A	N/A	OGS	OGS

