

# Round TFT DISPLAY

**Motor Bike Gauge TFT Display**

**Vehicle Digital Cluster**

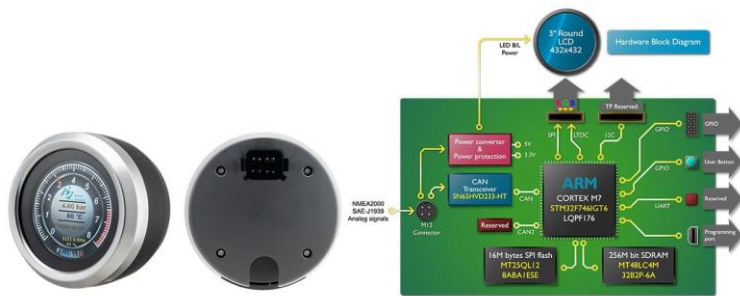
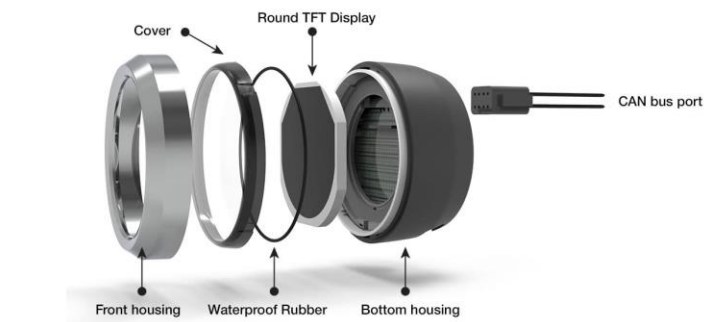


**Marine Gauge**

**HMI Control Knob / Encoder**



## Motor Bike Gauge TFT Display



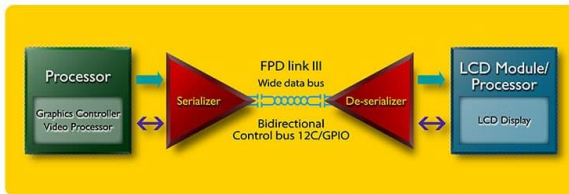
Display	2.1" TFT LCD	2.47" TFT LCD	3" TFT LCD	4.2" TFT LCD
Resolution	320(H) x 320(V) (R,G,B) x 320(V)	480(H) x 480(V) (R,G,B) x 480(V)	432(H) x 432(V) (R,G,B) x 432(V)	720(H) x 720(V) (R,G,B) x 720(V)
LCD type	MVA	IPS	IPS	IPS

<b>Display</b>	2.1" TFT LCD	2.47" TFT LCD	3" TFT LCD	4.2" TFT LCD
<b>Brightness</b>	480	400	1000	1000
<b>Operation Temperature</b>	-20 ~ +70 °C	-20 ~ +70°C	-30 ~ +85 °C	-30 ~ +85 °C
<b>Interface</b>	MIPI or RGB	MIPI	TTL	TTL
<b>Touch</b>	N/A	N/A	PCAP	PCAP



<b>Function</b>
Tachometer RPM
Speedometer MPH
Odometer
Oil Quantity
Water Temp
Oil Pressure
<b>Communication</b>
NMEA 2000
SAE-J1939
Analog Input

# Vehicle Digital Cluster



## Meter Gauge

<b>Display</b>	3" TFT LCD	4.2" TFT LCD
<b>Resolution</b>	432(H) x (R,G,B) x 432(V)	720(H) x (R,G,B) x 720(V)
<b>LCD type</b>	IPS	IPS
<b>Brightness</b>	1000	1000
<b>Operation Temperature</b>	-30 ~ +85 °C	-30 ~ +85 °C
<b>Interface</b>	TTL	TTL
<b>Touch</b>	PCAP	PCAP

## Vehicle Cluster

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

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

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

