

12.3" Mini LED



Resolution (pixel)	1920×720
Brightness (cd/m ²)	1000
Zone Number	2400
Contrast Ratio	Highest Dynamic CR≥1,000,000:1
NTSC	110%
Power Consumption	Power Saving 40%(Vs. Edge-lit)
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+90°C
Application	Automotive

12.3" Hybrid Mini-LED-Panel



Resolution (pixel)	1920×720
Brightness (cd/m ²)	1000
Zone Number	2400
Contrast Ratio	≥1,000,000:1 (Dynamic)
NTSC	85%
Power Consumption	Power Saving 50%(Vs. Edge-lit)
Substrate of BLU	Glass
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+90°C
Application	Automotive

12.3" ACRUS



Display Technology	LTPS
Resolution (pixel)	2880×1080
Brightness (cd/m ²)	750
Contrast Ratio	>30000:1
NTSC	100%
Interface	LVDS
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+90°C
Application	Automotive

12.3" Privacy+Focusound+Mini LED BLU



Display Technology		Acoustic Screen with Directed Audio Technology and Switchable Privacy
Acoustic Screen with Directed Audio Technology	SPL(dB)	75.6
	Sound Directivity(Degree)	10
	Frequency Range(HZ)	300-19K
Switchable Privacy Display	Resolution (pixel)	1920×720
	PPI	171
	NTSC	80%
	Contrast Ratio	1500:1
	Sharing Mode	L45°>50% L0°
		L45°<0.1% L0°
Privacy Mode		
Operating Temp.		-40°C~+85°C
Storage Temp.		-40°C~+95°C
Application		Automotive

8" Seamless



Resolution (pixel)	1280×768
Brightness (cd/m ²)	850
Contrast Ratio	1400:1
Viewing Angle (U/D/L/R)	88/88/88/88
SCI	1%
ΔE	1
Interface	LVDS
Operating Temp.	-30°C~+95°C
Storage Temp.	-40°C~+95°C
Application	Automotive

8" Super Low Reflection

Under Indoor Environment



Under High Ambient Light



Part Number	ARIES LCD	Low-reflection LCD	Conventional LCD
Display Technology	A-Si with Integrated Touch		
Resolution (pixel)	1280×640		
Brightness (cd/m ²)	1200		
Contrast Ratio	1800:1		
NTSC	80%		
Multi-touch	5 Points		
Reflectance (SCI)	0.60%	1.50%	4.60%
Ambient Contrast Ratio(ACR) at 10000lx	120:1	50:1	17:1
Seamless(Delta E)	1	3	1
Operating Temp.	-40°C~+85°C		
Storage Temp.	-40°C~+95°C		
Application	Automotive		

15.6" Narrow Border+ PCAP



Display Technology	a-Si
Resolution (pixel)	1920×1080
Brightness (cd/m²)	620
Contrast Ratio	1200:1
LCM/TP Interface	LVDS
Reflectance	3%
Border(L/R/U/D)(mm)	5.7/5.7/10/10
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+90°C
Application	Automotive

1.5" LTPS Circle PCAP



Display Technology	LTPS
Diameter(mm)	38
Resolution (pixel)	272×272
Border(mm)	1.78
Brightness (cd/m²)	800
Contrast Ratio	1200:1
NTSC	85%
Viewing Angle (OEM5.0)	Min A+:1200 A:500 B:300
Touch Type	Out-cell, Film Sensor
LCM/TP Interface	SPI +RGB 24bit / I2C
Touch Accuracy&Linearity	Center:±1mm Border:±2mm
Touch Report Rate	≥200Hz
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+95°C
Application	Automotive

12.3" LTPS TED



Display Technology	LTPS
Resolution (pixel)	1920×720
Brightness (cd/m ²)	1200
Contrast Ratio	1400:1
Viewing Angle (U/D/L/R)	80/80/80/80
LCM/TP Interface	LVDS/I2C
Multi-touch	10 Points
Reflectance	Max 2.5%
Operating Temp.	-30°C~+85°C
Storage Temp.	-40°C~+90°C
Application	Automotive

14.6" LTPS TED



Display Technology	LTPS
Resolution (pixel)	1920×1080
Brightness (cd/m²)	900
Contrast Ratio	1500:1
Viewing Angle (U/D/L/R)	88/88/88/88
LCM/TP Interface	LVDS/I2C
Multi-touch	10 Points
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+90°C
Application	Automotive

12.3" AA Hole 1920×720



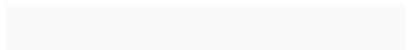
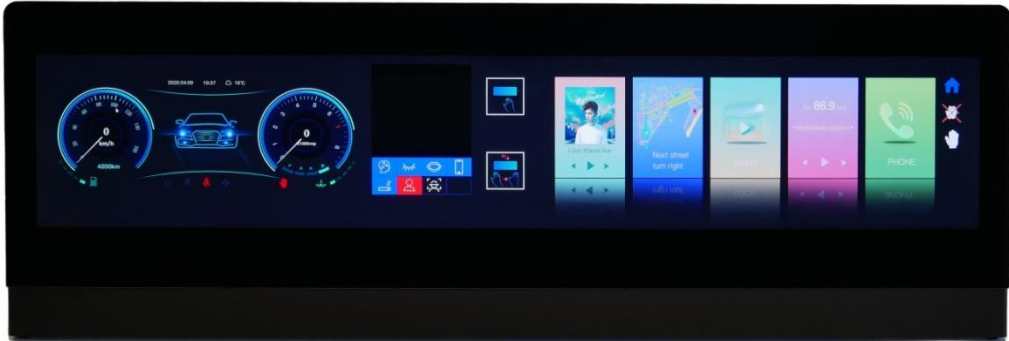
Display Technology	LTPS
Freeform	CG Rectangle, Panel Freeform
Resolution (pixel)	1920×720
Brightness (cd/m ²)	1000
Contrast Ratio	1400:1
Reflectance (SCI)	<1.0%
AA Hole Size (R1/R2/R3)	R1=10.6 × 52mm/ R2=9 × 25mm/ R3=8mm
AA Hole Border(R1/R2/R3)(mm)	2.7/2.1/1.0
LCM/TP Interface	4-wire SPI
Multi-touch	10 Points
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+95°C
Application	Automotive

11.6" Haptic feedback 1080×1920



Resolution	1080×1920
AA Size (mm)	114.18×256.32
Brightness (cd/m²)	430
Contrast Ratio	1000:1
Viewing Angle (U/D/L/R)	88/88/88/88
Haptic Display System	Lateral Motion powered by Gorilla Haptics
Acceleration of Lateral Motion (GPP)	> 10
Application	Automotive, Ticketing Machine, ATM, FA, Eyes-free Interaction Required Equipment
Remarks	(i) Programmable haptic feedback in button/knob operation (ii) Force sensor is integrated

27" DMS



Resolution (pixel)	4032×756
Brightness (cd/m²)	850
Detectable Behavior	Eye close, Yawn, Abnormal Head Posture, Phone Answer, Smoking, Not in Monitoring Area
Application	Automotive
Status	Tech Developing
Remark	Using NIR/ToF Camera(VGA, FoV(H) 59°, VCSEL 940nm)

27" 4K PCAP



Display Technology	a-Si
Resolution (pixel)	4032×756
Brightness (cd/m²)	1100
Contrast Ratio	1200:1
Viewing Angle (U/D/L/R)	88/88/88/88
LCM/TP Interface	eDP/I²C
Multi-touch	10 Points
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+95°C
Application	Automotive

27.6" Curve Local Dimming



Resolution (pixel)	5432×932
Brightness (cd/m ²)	850
Contrast Ratio	>10,000:1 (Dynamic)
Viewing Angle(U/D/L/R)	80/80/80/80
NTSC	>100%
Curved Radius (mm)	1000
Multi-touch	10 Points
Reflectance (SCI)	< 1.6%
PPI	200
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+90°C
Application	Automotive

28.5" Curved / Local Dimming / TED / LTPS



Display Technology	LTPS
Resolution (pixel)	5760×900
Brightness (cd/m ²)	1000
Dynamic Contrast Ratio	Exceed 10,000:1 (With Local Dimming)
Freeform	Panel Rectangle, CG Freeform
Curvature	COG Curve R2400
Driving Mode	3 Chip TDDI Cascade
LCM/TP Interface	LVDS/I2C
Multi-touch	10 Points
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+95°C
Application	Automotive

3.14" HUD



Image Source	3.14" LTPS
Resolution (pixel)	800×480
FOV	10°×6°
VID(m)	10
Brightness(Into-eye)	UP to 10000cd/m2
Contrast Ratio	1200:1
Package Volume(L)	10
Application	Automotive

9.3" Mirror LTPS



Display Technology	LTPS
Resolution (pixel)	1920×398
Brightness (cd/m²)	3000
Contrast Ratio	1200:1
Interface	LVDS
Reflectance	10%~40%(with Shutter)
Module Border(L/R/U/D)(mm)	3/3/3/3
Operating Temp.	-40°C~+85°C
Storage Temp.	-40°C~+95°C
Application	Automotive

Advanced Light-Dimmer Film



Transmittance Tunning Range	2%~45%
Response Time	<1s
Operating Temp.	-30°C~+85°C
Storage Temp.	-40°C~+105°C
Application	Automotive
Remark	1. Fast Response 2. Patterning & Touch Control 3. Good Reliability