

Product Catalogue

Shijiazhuang Dianguang Hi Tech
Electronics Co., LTD

2022
A Better Future

www.dght-oledlcd.com



Shijiazhuang Dianguang Hi tech Electronics Co., Ltd is specializing in developing and manufacturing of OLED, TFT, Graphic and Character LCM, STN, HTN, and TN LCD to meet the ever-growing needs of the global market with its innovative design, versatile products, on-time delivery and excellent service.

Established in 2008, Dianguang Hi tech Electronics Co., Ltd has built a mutual beneficial cooperation with Brazil, Korea, France, and India. Our displays have been exported to four continents and have earned high reputation internationally.



This catalog contains only partial of our products including LCM (OLED, TFT, Graphic LCM and Character LCM), LCD (STN, HTN, TN, VA, Light Valve), and Backlight & LED. All products can be customized according to client's requirements. For any inquires and more product information, please contact us by email dght-1@dght-display.com or check our webset at www.dght-oledlcd.com





LCD Module

1. OLED Display

2. TFT Display

3. Graphic LCM

4. Character LCM



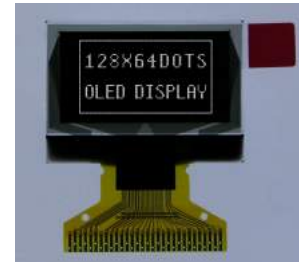
OLED Display



2.7" DG-027Q02
Resolution: 128*64
Size: 73.0*41.86*2.15 mm



2.7" DG-128541325
Resolution: 128*64
Size: 73.00*67.87*2.675mm



0.96" DG-12864C
Resolution: 128*64
Size: 26.70*19.26*1.4 mm



2.42" DG-12864B-1309
Resolution: 128*64
Size: 62.5*39.0*3.5mm



1.54" DG-12864A-1309
Resolution: 128*64
Size: 44*29.2*3.5mm



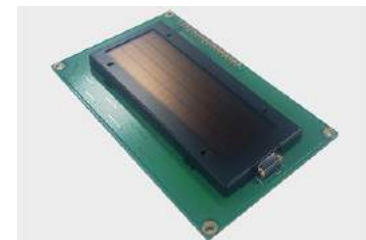
2.23" DG-223B
Resolution: 128*32
Size: 63.2*43.1*5.8 mm



2.23" DG-223A
Resolution: 128*32
Size: 66.5*35.0*8.8 mm



0.91" DG-12832091
Resolution: 128*32
Size: 29*8.7*1.22 mm



2.8" DG-200428
Resolution: 20*4 Character
Size: 98*60*9.5 mm



TFT Display

4.3



4.3" Serial port TFT display
Resolution: 480*272
Size: 130.1*73.81*9.1 mm

7.0



7.0" Serial port TFT display
Resolution: 800*480
Size: 194.2*107.84*11 mm

2.4



2.4" Serial port TFT display
Resolution: 240*320
Size: 78.11*44.02*7.56 mm



10.1" Serial port TFT display
Resolution: 1024*600
Size: 257.81*148.08*18.5mm



3.97" TFT for Motorcycle
Resolution: 800*480
Size: 95.5*56.2*2.15mm



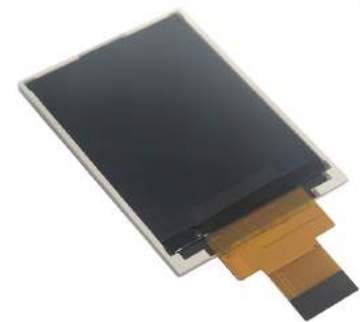
2.4" TFT LCD IPS Type
Resolution: 320*240
Size: 42.72*60.4*2.61mm



10.1" TFT LCD Display
Resolution: 1280*800
Size: 229.56x149.1x2.6 mm



7" TFT LCD Display
Resolution: 1024*600
Size: 164.8*99.8*5.6 mm



2" TFT LCD Display
Resolution: 240*320
Size: 51.8*36.2*2.45 mm

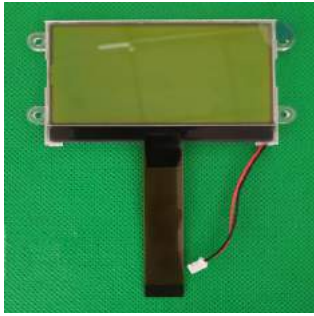


TFT Display

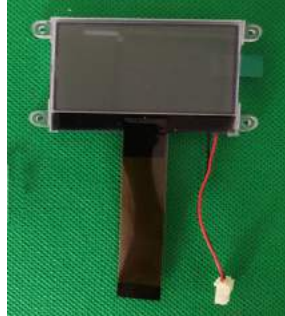
	Name	Resolution	Dimension	Voltage
	5.0" Serial port LCD Display	800*480	150*81.85*9.2mm	5.0V/3.3V
	3.5" Serial port LCD display	320*480	108.71*60.75*8.8mm	5.0V/3.3V
	2.8" Serial port LCD display	320*240	86.2*55*4.2mm	5.0V/3.3V
	10.1" TFT LCD Display	1024*600	235*143*4.5mm	12V
	7" TFT LCD Display	800*480	164.9x1000.0x5.7mm	3.3V
	4.3" TFT LCD Display	480x272 /800x480	105.5*67.2*5.0mm	IPS Type 15V TN Type 22.4V
	2.4" TFT LCD Display TN Type	320*240	42.72*60.26*2.38mm	3.3V
	1.54" TFT LCD Display TN Type	240*240	33.72*31.52*1.77mm	3.3V
	1.44" TFT LCD Display	128*128	34.41*29.0*2.39mm	3.3V



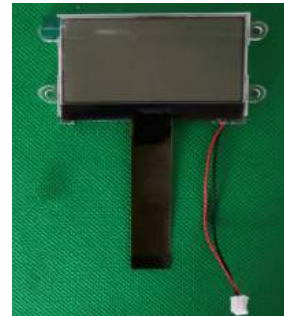
Graphic LCD Module



DG 12864-9352 Y-G/White
Resolution: 128*64
Size: 93.70*52.6*5.5mm



DG 12864-6843 White
Resolution: 128*64
Size: 68.0*43.6*6.0mm



DG-12864-8045
Resolution: 128*64
Size: 80.5*45.0*5.35mm



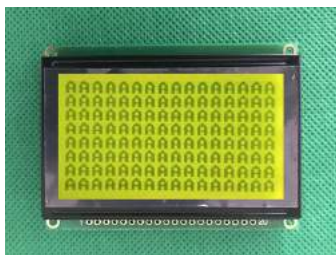
DG-32024001-V1
Resolution: 320*240
Size: 160.0*109.0*13.5mm



DG-32024002-V1
Resolution: 320*240
Size: 157.7*111.0*11.6 mm



DG-32024003-V1
Resolution: 320*240
Size: 160.0*111.3*12.7mm



DG-12864J
Resolution 128*64
Size: 75.0*54.7*12.0mm



DG-1286402
Resolution 128*64
Size: 78.0*70.0*12.6 mm





DG-12864FL
Resolution 128*64
Size: 77.4*52.4*11.6 mm



Graphic LCD Module

	Name	Resolution	Dimension	Voltage
	LCD Module DG-1286403	128*64	87.0*50.0*8.0 mm	VDD: 2.9V-3.3V
	LCD Module DG-12864NL	128*64	84.0*37.8*5.5 mm	VDD: 3.3V
	LCD Module DG-12864UL-TP	128*64	87.0*57.0*9.5 mm	VDD: 3.3V-5.5V
	LCD Module DG-12864SL	128*64	45.0*50.0*10.0 mm	VDD: 3.3V-5.5V
	LCD Module DG-12864LL-TP	128*64	76.0*50.0*8.1 mm	VDD: 2.9V-3.3V
	LCD Module DG-12864FL-TP	128*64	77.4*52.4*11.6 mm	VDD: 2.7V-3.3V
	DG-240128L	240*128	144.0*104.0*13.0 mm	VDD: 5V



	Name	Resolution	Dimension	Voltage
	LCD Module DG-32024005-V1 (FSTN)	320*240	160.7*109.0*11.5mm	VDD: 7V
	LCD Module DG-32024006-V1	320*240	139.0*100.0*10.0mm	VDD: 5V
	LCD Module DG-32024007-V1 Blue	320*240	160.0*109.0*11.5mm	VDD: 5V
	LCD Module DG-32024008-V1	320*240	105.3x73.0x5.3mm	VDD: 3.3V



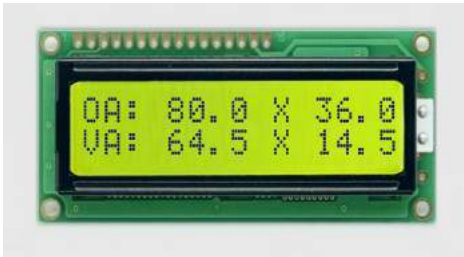
Character LCD Module



DG 2002-11537
Resolution: 20*2
Size: 58.2*32.4*13.6 mm



DG-2004-9860
Resolution: 20*4
Size: 98*60*9.4 mm



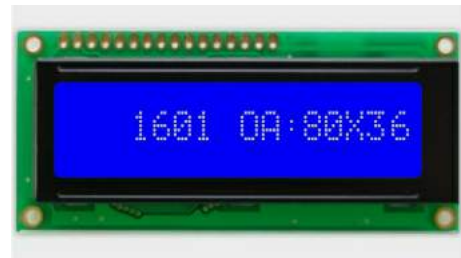
DG160201
Resolution: 16*2
Size: 80.0*36.0*13.0 mm



DG 080202
Resolution: 16*2
Size: 58.2*32.4*13.6 mm












DG122321L
Resolution: 122*32
Size: 84*44*13.5mm



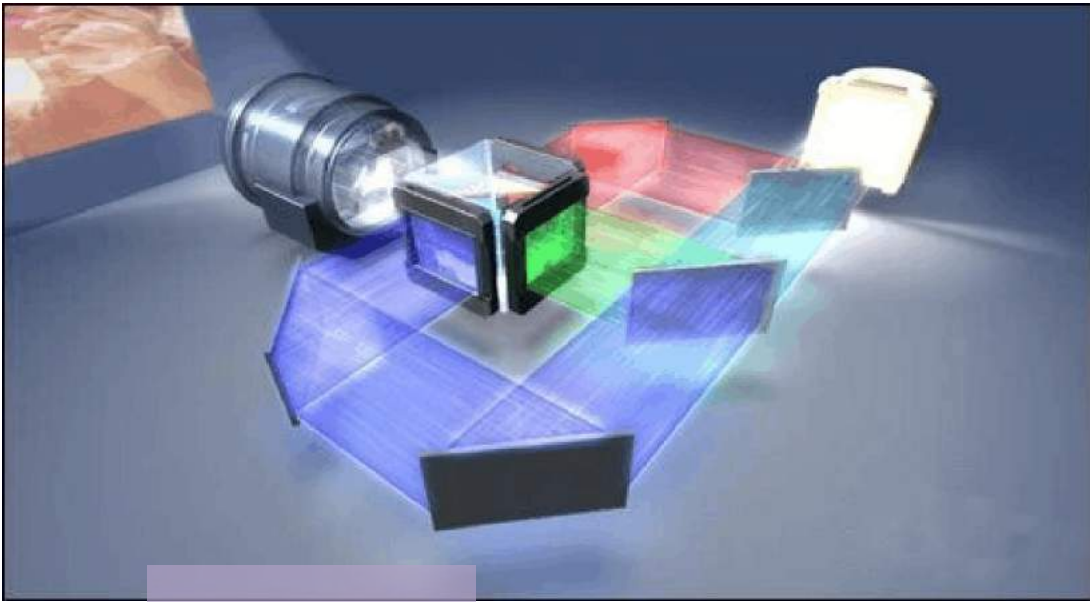
DG-160101
Resolution: 16*1
Size: 80.0*36.0*13.5 mm



Character LCD Module

	Name	Resolution	Dimension	Voltage
	LCD DG-0821	8 characters*2 Lines	58.0*32.0*9.5 (w/o LED)mm or 14.0(with LED) mm	5V
	LCD1602-8036 B	16*2 Lines	80*36*14 mm	5V
	LCD1602-8036 YG	16*2 Lines	80*36*14 mm	5V
	LCD Module DG-160203	16*2 Lines	122*44*14.5 mm	5V
	LCD Module DG-160205	16*2 Lines	84.0*44.0*12.0 mm	5V
	LCD Module DG-160206	16*2 Lines	85.0*30.0*9.6 or 11.0 mm	5V
	LCD Module DG-1223201	122*32 Dots	98.0*50.0*13.5 mm	5V
	LCD Module DG-122325L	122*32 Dots	74x35x13.5mm	5V
	LCD Module DG-13232L-R	132*32 Dots	55x27.6x2mm	3.3V





LCD

1. STN Type

2. HTN&TN Type

3. VA Type&Light Valve

STN Type



LCD 10002
Size: 79.7*23.7*2.8 mm
Drive: 1/4 Duty, 1/3 Bias, 3V



LCD 17039
Size: 66.0*25.7*2.8 mm
Drive: 1/6 Duty; 1/3 Bias, 3V



LCD 18008
Size: 54.5*19.5*2.8 mm
Drive: 1/4 Duty; 1/3 Bias, 3.15V



LCD Model 1602A
Size: 80.0L*36.0W*12.1H mm
Drive: 1/16 Duty; 1/5 Bias, 3V



LCD 18011
Size: 79.7*26.2*2.8 mm
Drive: 1/6 Duty; 1/3 Bias, 3V



LCD 19010
Size: 71.0*25.2*2.8 mm
Drive: 1/8 Duty; 1/3 Bias, 3V



LCD 08030
Size: 54.5*19.5*2.8 mm
Drive: 1/4 Duty; 1/3 Bias, 3V



LCD 18015
Size: 79.7*26.2*2.8 mm
Drive: 1/6 Duty; 1/3 Bias, 3V



LCD 19068 for Elevator
Size: 56*100*2.8mm
and 109*140*2.8 mm
Drive: 1/2 duty, 1/2 bias, 5.0V





LCD 10020 HTN
Size: 54*44*2.8 mm
Drive: 1/4 Duty; 1/2 Bias, 5V



LCD 14008 HTN
Size: 54.5*19.5*2.8 mm
Drive: 1/4 Duty; 1/3 Bias, 3V



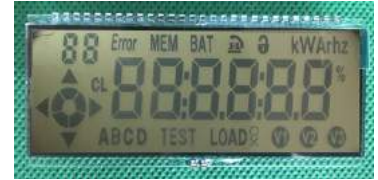
LCD 17038 HTN
Size: 66.0*25.7*2.8 mm
Drive: 1/6 Duty; 1/3 Bias, 3V



LCD 08019 TN
Size: 46.5*44*2.0 mm
Drive: 1/4 Duty; 1/3 Bias, 3V



LCD 17009 TN
Size: 45*22.5*2.8 mm
Drive: 1/3 Duty; 1/2 Bias, 5V



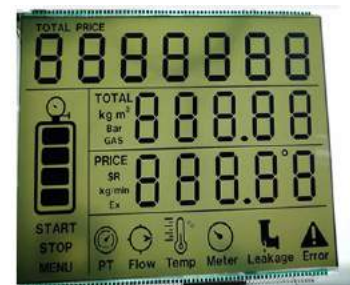
LCD 21176 TN
Size: 83.0*32.0*2.8 mm
Drive: 1/4 Duty; 1/3 Bias, 3V



LCD 0241 Vehicle Pressure Gauge
Size: 45.04*42.10*2.8mm
Drive: 1/4Duty, 1/3Bias, 3V





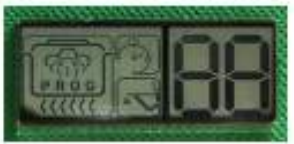





LCD 0915 for Fuel Dispenser
Size: 174*132.5*2.8 mm
Drive: 1/1 Duty; 1/1 Bias, 9V



LCD 0054 for Fuel Dispenser
Size: 199.0*150.0*2.8mm
Drive: 1/1D, 1/1B, 3.3V



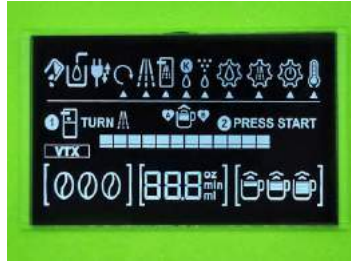
HTN Type				
	Name	Size	Drive	Polarizer
	LCD 18003	54.5*19.5*2.8 mm	1/4 Duty; 1/3 Bias, 3.45V	Transmissive/Positive
	LCD 18004	49.5*20.0*2.8 mm	1/4 Duty; 1/3 Bias, 3V	Transmissive/Positive
	LCD 18010	66.0*25.2*2.8 mm	1/8 Duty; 1/3 Bias, 3V	Transmissive/Positive
	LCD 20001	71*25.2*2.8 mm	1/8 Duty; 1/3 Bias, 3V	Transmissive/Positive
TN Type				
	Name	Size	Drive	Polarizer
	LCD 09007	51*24.5*2.8 mm	1/2 Duty; 1/2 Bias, 5V	Transmissive/Positive
	LCD 17002	48.5*22.2*2.8 mm	1/3 Duty; 1/2 Bias, 5V	Positive, Transmissive, Adhesive
	LCD 12001	48.0*40.5*2.85mm	1/4Duty, 1/3Bias, 3V	Transflective/Positive
	LCD 19005	94.0*26.0*2.8mm	1/4Duty, 1/3Bias, 3V	Reflective/Positive



VA Type & Light Valve



LCD 17005
Size: 114.0*28.0*28.5mm
Driving Method: 1/3D, 1/2B, 4.3V



LCD 18007 For Caffeine Machine
Size: 82.0*44.0*2.8
Driving Method: 1/3D, 1/2B, 5V



LCD 9071 For Electric Bike
Size: 41.0*45.0*2.8mm
Driving Method: 1/4D, 1/3B, 5V



LCD 9114 For Ventilation System
Size: 65.0*68.0*2.8mm
Driving Method: 1/4D, 1/2B, 3V



Smart Darken Sunglasses LCD 19004-V1
Size: 57.6x44.6x0.65mm (single glass)
Transparency : 8%-35%



Smart Sleep Glasses
Size: 180*163*32mm
Battery: 290mAh 5V with USB Charger



Smart Darken Sunglasses LCD 1511215F
Size: 53.4*30.9*1.45mm (single glass)
Transparency: 0.3%-35%



Smart Darken Sunglasses 1511059F
Size: 69.6*40.6*0.65mm (single glass)
Transparency: 0.3%-35%





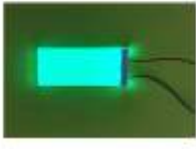

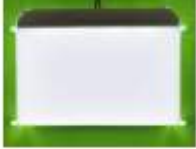




Backlight & LED

1. Backlight

2. LED

Backlights

	Name	Size	Luminance	Voltage
	LED Backlight 07026-W	61.5*17.5*3.2mm	320 cd/m ²	3.1V
	LED Backlight 09024	93.5*29.0*2.8mm	20 cd/m ²	5.0V
	LED Backlight 13002	130*26.0*3.4mm	900 cd/m ²	9.3V
	LED Backlight 09007	58.0*22.5*3.2mm	600 cd/m ²	12V
	LED Backlight 2369	76.8*31.7*3.5mm	300 cd/m ²	6.2V
	LED Backlight 13005-2	77.0*51.9*3.4mm	600 cd/m ²	3V
	LED Backlight 09021-B	35.0*35.0*3.1mm	60 cd/m ²	6.2V
	LED Backlight 22920	161.0*121.0*3.4mm	160 cd/m ²	6V
	LED Backlight 19035	76.0*76.0*2.3mm	500 cd/m ²	3V



Decorative LED				
	Name	LED Quantity	Color	PCD Size
	F-5050 LED Strips	150LED /240LED/300LED/390 LED PER ROLL, 5M/ROLL	red/yellow/blue/green/white (5000-6000K, 7000-9000K)	500*8 mm
	LED M60 for Jewelry and Display Counter	60PCS/m 72PCS/m	white (3000k-3500k ,4500K-5500 K,7500K-8500K)	500mm, 1000mm
	LED 3030W01-12 LED Curtain	12 pcs/layer	White (2700K-12000K)	950*17*1.2m m Distance: 5,6,8,10 cm
Car Led				
	Name	LED Quantity	Color	Size
	LED-MAL03 Multi-color Bar in Car	Atmosphere LED Bar	Black Case, Silver Case Multiple color LED	180*16*19 mm
	LMA2835 W(RGBYP)12-L 12LEDs	6/9/12 LED	white/yellow/red/green/blue/pink/multiple color	181*25*10 mm
	LED W0926-12 12LEDs	12 LED	white/yellow/red/green/blue/pink/multiple color	103*38 mm



Illuminative LED				
	Name	Illuminant	Power Rating	Voltage
	LED T512P18S1-02	176PCS * SMD3014 LED	18W	DC85V-265V
	LED BS0501 LED Light Bulb 5W	10PCS * 5730LED	5W	AC85-265V
	LED MR16 -3W Spotlight LED	3*1PCS HIGH POWER LED	3 * 1W	AC85-265V
	LED SL2835W45 Solar Wall LED Light	46LED * 2835 SMD LED	3W	3.7V
Backlight LED				
	Name	Luminance	Current	Voltage
	0603LED	800-1200	20MA	Forward: 2.8-3.2V Reverse: 5V
	3020LED	3200-3400	20MA	Forward: 2.8-2.9V Reverse: 5V
	5050LED	R:400-600 G:1400-1600 B:300-500	60MA	Forward Voltage: R:1.9-2.4V G:2.9-3.4V B:2.9-3.4V



SHIJIAZHUANG DIANGUANG HI TECH ELECTRONICS CO., LTD.

Software Building, Golden Stone Industrial Park No.368 Xinshi North Road, Shijiazhuang, China.

Contact:

amy-001@dght-display.com

(China mainland)

zhaonan-002@dght-display.com

(HongKong Office)

kevin-003@dght-display.com

(North America Office)

