

Small Size: <10.4"

Size (Diagonal)		Backlight	AGL Model	Key Specifications						Remark: features
Normal	Wide			Brightness (nit)	Resolution	View angle (Deg)	Contrast ratio	Interface	OP Temp (°C)	
3.5" (4:3)		LED	VM03B1 V1 / V2	1000 / 450	320x240	120 / 105	400:1	Digital	70 / -20	
4.3"(16:9)		LED	VM04B1 V4	1000	480x272	130 / 120	500:1	Digital	70 / -20	
			VM04B1 V5	800	480x272	130 / 120	500:1	Digital	70 / -20	4W touch module
			VM04B3 V1	1000	480x272	140 / 120	400:1	Digital	70 / -20	
			VM04B3 V2	800	480x272	140 / 120	400:1	Digital	70 / -20	4W touch module
5.0"(16:9)		LED	VM05B1 V1 / V2	900 / 1500	800x480	140 / 120	500:1	TTL	70 / -20	
5.0"(4:3)		LED	VM05B2 V1 / V2	1000 / 500	640x480	140 / 120	500:1	Digital	70 / -20	
5.6"(4:3)		LED	VM06B1 V1 / V2	1000 / 450	640x480	140 / 120	500:1	Digital	70 / -20	
5.7"(4:3)		LED	VM06B2 V1 / V2	1200 / 550	640x480	140 / 120	400:1	Digital	70 / -20	
6.5"(4:3)		LED	VM06B4 V1	1200	640x480	160 / 140	600:1	LVDS	85 / -30	WT
7"(16:10)		LED	VM07B1 V1 / V2 / V3	1000 / 500 / 1200*	800x480	140 / 120	500:1	Digital	85 / -30	WT
			VM07B1 VA/VB	1000 / 500	800x480	140 / 120	500:1	LVDS	85 / -30	WT
			VM07B1 V4	2000	800x480	140 / 120	500:1	Digital	85 / -30	WT
			VM07B2 V1 / V2	1000 / 550	800x480	140 / 130	400:1	Digital	70 / -20	
			VM07B3 V1 / V2	1000 / 500	800x480	140 / 120	500:1	Digital	70 / -20	
			VM07B4 V1 / V2	1000 / 500	800x480	140 / 120	500:1	Digital	85 / -30	WT, Square pixel
			VM07B5 V7	1000	1024x600	150 / 145	700:1	1-c LVDS	70 / -20	WSVGA
			VM07B6 V5 / V6	650 / 1000	1280x800	176 / 176	800:1	1-c LVDS	70 / -20	WXGA
7" (10:16)		LED	VM07B7 V1	1000	800x1280	178 / 178	800:1	mipi	70 / -20	
8"(16:10)		LED	VM08B4 V1	1000	800x480	140 / 120	500:1	Digital	85 / -30	WT
8" (10:16)		LED	VM08B9 V1	1000	800x1280	176 / 176	800:1	mipi	70 / -20	
8"(4:3)		LED	VM08B1 V7	1000	800x600	140 / 120	500:1	Digital	70 / -20	SVGA
			VM08B1 V8	1000	800x600	140 / 120	500:1	Digital	70 / -20	19V-LED
			VM08B1 V8A	1000	800x600	170 / 170	500:1	Digital	70 / -20	W-VA, 19V LED
			VM08B1 VA / VB	500 / 1000	800x600	140 / 120	500:1	LVDS	70 / -20	
			VM08B6 V1	500	1024x768	150 / 150	700:1	TTL	60 / -20	XGA, Wide VA

8.4"(4:3)		LED	VM08B2 V2	1000	800x600	160 / 140	600:1	1-c LVDS	85 / -30	WT / LVDS
			VM08B2 V3	1600	800x600	160 / 140	600:1	1-c LVDS	85 / -30	WT / LVDS
			VM08B3 V1	1000	800x600	150 / 130	600:1	TTL	70 / -20	
			VM08B7 V1	1000	800x600	160 / 140	600:1	1-c LVDS	70 / -20	
			VM08B7 V2	1600	800x600	140 / 130	500:1	1-c LVDS	70 / -20	
	9"(16:10)	LED	VM09B2 V1	1200	800x480	140 / 120	500:1	Digital	70 / -20	
10.1"(16:9)		LED	VM10B3 V5	750	1366x768	170 / 170	800:1	LVDS	50 / 0	WXGA, Wide VA,
		LED	VM10B3 V3	700	1280x800	170 / 170	800:1	LVDS	50 / -10	WXGA, Wide VA, Tablet
		LED	VM10B3 V9	1200	1280x800	170 / 170	1000:1	LVDS	70 / -20	WXGA, Wide VA, Industrial
		LED	VM10B8 V1	1000	1024x600	160 / 160	500:1	LVDS	80 / -30	WSVGA, WT
		LED	VM10B8 V2	1000	1024x600	160 / 160	500:1	LVDS	50 / 0	WSVGA
10.2"(16:9)		LED	VM10B2 V1	850	800x480	130 / 110	300:1	Digital	85 / -30	WT
			VM10B2 V2 / V3	600 / 900	1024x600	140 / 130	400:1	LVDS	70 / -20	

Middle Size: 10.4" ~ 19"

Size (Diagonal)		Backlight	AGL Model	Key Specifications					Remark: features	
Normal	Wide			Brightness (nit)	Resolution	View angle (Deg)	Contrast ratio	Interface		OP Temp (°C)
10.4"(4:3)		LED	VM10B1 V1	850	800x600	140 / 110	500:1	Digital	70 / -20	
			VM10B4 V1 / V2	1000 / 450	800x600	160 / 130	500:1	1-c LVDS	70 / -20	
			VM10B5 V1	1100	800x600	140 / 130	800:1	1-c LVDS	70 / -20	
			VM10B5 V3	1000	800x600	170 / 170	400:1	1-c LVDS	70 / -20	wide View angle
			VM10B6 V2	1100	1024x768	176 / 176	1000:1	1-c LVDS	70 / -30	WT, Wide View angle, XGA

			VM10B6 V3 / V5	1000 / 1500	1024x768	150 / 150	900:1	1-c LVDS	70 / -20	
			VM10B7 V1 / V2 / V3 V4	1200 / 550 / 700 / 1500	800x600	160 / 140	700:1	1-c LVDS	85 / -30	WT
			VM10B9 V1	1000	640x480	160 / 140	700:1	1-c LVDS	85 / -30	VGA, WT
12.1"(4:3)		LED	VM12B1 V2 / V3	1000 / 1600	800x600	160 / 140	700:1	1-c LVDS	85 / -30	WT, SVGA
			VM12B2 V2 / V3	1000 / 1600	1024x768	160 / 160	700:1	1-c LVDS	80 / -30	WT, W-V.A., XGA; RGBW
			VM12B4 V1	1200	1024x768	160 / 140	700:1	1-c LVDS	70 / -20	
			VM12B3 V3A/V3B	1600 / 1000	1024x768	160 / 160	700:1	1-c LVDS	80 / -30	WT, Wide View angle, XGA
			VM12B3 V4A/V4B	1500 / 1000	1024 x 768	160 / 140	700:1	1-c LVDS	70 / -30	WT, XGA
	12.1" (16:9)	LED	VM12B5 V1	1000	1280x800	176 / 176	1000:1	1-c LVDS	70 / -10	VA wide View angle
15"(4:3)		LED	VM15B2 V5 / V6 / V7	1000 / 2500 / 1500	1024x768	140 / 125	700:1	1-c LVDS	85 / -30	WT, long MTBF
			VM15B3 V4 / V5 / V6	1000 / 1500 / 750	1024*768	170 / 170	600:1	1-c LVDS	70 / -20	
			VM15B5 V7 / V8 / V9	1000 / 1500 / 2500	1024*768	170 / 170	600:1	1-c LVDS	60 / -10	
			VM15B6 V5 / V6 / V7	1000 / 2500 / 1500	1024*768	170 / 170	600:1	1-c LVDS	85 / -30	WT
			VM15BA V1	1000	1024*768	170 / 170	1500:1	1-c LVDS	70 / -20	VA wide View angle
15.6"(16:9)		LED	VM15B1 V2	800	1920x1080	90 / 65	500:1	eDP	50 / -10	
			VM15B4 V7 / V8 / V9	1000 / 1500 / 500	1366x768	170 / 160	500:1	1-c LVDS	65 / -20	
			VM15B7 V1	700	1366x768	110 / 80	500:1	1-c LVDS	50 / -20	Tablet
17"(5:4)		LED	VM17B1 V6 / V7 / V8	750 / 1400 / 1000	1280x1024	170 / 160	1000:1	2-c LVDS	50 / -10	
			VM17B3 V1 / V2 / V3	1000 / 700 / 1500	1280x1024	160 / 150	1000:1	2-c LVDS	60 / -20	
			VM17B4 V1 / V3	750 / 1500	1280x1024	170 / 160	1000:1	2-c LVDS	85 / -30	WT
18.5"(16:9)		LED	VM19B1 VA / VB / VC	1000 / 1500 / 750	1366x768	170 / 160	1000:1	1-c LVDS	60 / -20	
			VM19B7 V1 / V2 / V3	1500 / 700 / 450	1366x768	170 / 160	1000:1	1-c LVDS	60 / -20	
19"(16:10)		LED	VM19B2 V3 / V4	500 / 1000	1440x900	170 / 160	1000:1	2-c LVDS	60 / -20	
			VM19B2 V5 / V6	500 / 1000	1440x900	170 / 160	1000:1	2-c LVDS	60 / -20	
19"(5:4)		LED	VM19B3 V2/V3/V4	1000 / 1500 / 700	1280x1024	170 / 160	1000:1	2-c LVDS	60 / -20	
			VM19B6 V1 / V2 / V3	750 / 500 / 1700	1280x1024	170 / 160	1000:1	2-c LVDS	60 / -20	
			VM19B8 V1 / V3	750 / 1500	1280x1024	170 / 160	1000:1	2-c LVDS	85 / -30	WT operation
			VM19BA V1	1000	1280x1024	178 / 178	2000:1	2-c LVDS	60 / -10	VA wide View angle

Large Size: >21.5"

Size (Diagonal)		Backlight	AGL Model	Key Specifications						Remark: features	
Normal	Wide			Brightness (nit)	Resolution	View angle (Deg)	Contrast ratio	Interface	OP Temp (°C)		
21.5"	(16:9)	LED	VM22B2 V3	700	1920x1080	178 / 178	3000:1	2-c LVDS	50 / -20	VA wide View angle	
			VM22B2 V4	1000	1920x1080	178 / 178	3000:1	2-c LVDS	50 / -20	VA wide View angle	
			VM22B2 V6	500	1920x1080	178 / 178	3000:1	2-c LVDS	50 / -20	VA wide View angle	
21.5"	(16:9)	LED	VM22B3 V4	1200	1920x1080	170 / 160	1000:1	2-c LVDS	50 / -20		
			VM22B3 V5A	600	1920x1080	170 / 160	1000:1	2-c LVDS	50 / -20		
			VM22B3 V6	420	1920x1080	170 / 160	1000:1	2-c LVDS	50 / -20		
			VM22B3 VA	2500	1920x1080	170 / 160	1000:1	2-c LVDS	50 / -20	Extreme high bright	
	23.8"	(16:9)	LED	VM24B3 V1	1000	1920x1080	178 / 178	3000:1	2-c LVDS	50 / -20	
27"	(16:9)	LED	VM27B1 V1	1000	1920x1080	178 / 178	3000:1	2-c LVDS	50 / -20		
			VM27B1 V2	500	1920x1080	178 / 178	3000:1	2-c LVDS	50 / -20		
31.5"	(16:9)	LED	VM32B5 V1	1500	1920x1080	178 / 178	1100:1	2-c LVDS	50 / -10		
			VM32B5 V2	1000	1920x1080	178 / 178	1100:1	2-c LVDS	50 / -10		
			VM32B5 V3	2500	1920x1080	178 / 178	2000:1	2-c LVDS	50 / -10	Extreme high bright	
42"	(16:9)	LED	VM42B2 V1	1500	1920x1080	178 / 178	4000:1	2-c LVDS	50 / -10		
			VM42B2 V2	700	1920x1080	178 / 178	4000:1	2-c LVDS	50 / -10		
			VM42B2 V5	2500	1920x1080	178 / 178	2000:1	2-c LVDS	50 / -10		
			VM42B4 V1	2500	1920x1080	178 / 178	1300:1	2-c LVDS	50 / -10	5.9 mm super slim bezel	
			VM42B4 V2	1500	1920x1080	178 / 178	1300:1	2-c LVDS	50 / -10	5.9 mm super slim bezel	
			VM42B4 V3	1000	1920x1080	178 / 178	1300:1	2-c LVDS	50 / -10	5.9 mm super slim bezel	
			VM42B4 V4	700	1920x1080	178 / 178	1300:1	2-c LVDS	50 / -10	5.9 mm super slim bezel	
46"	(16:9)	LED	VM46B2 V1	1500	1920x1080	178 / 178	5000:1	2-c LVDS	50 / 0		
			VM46B2 V2	2500	1920x1080	178 / 178	5000:1	2-c LVDS	50 / 0	Extreme high bright	

55"(16:9)	LED	VM55B3 V1	2500	1920x1080	178 / 178	1300:1	2-c LVDS	50 / -10	5.9 mm super slim bezel
		VM55B3 V2	1500	1920x1080	178 / 178	1300:1	2-c LVDS	50 / -10	5.9 mm super slim bezel
		VM55B3 V3	1000	1920x1080	178 / 178	1300:1	2-c LVDS	50 / -10	5.9 mm super slim bezel
		VM55B3 V4	500	1920x1080	178 / 178	1300:1	2-c LVDS	50 / -10	5.9 mm super slim bezel
65"(16:9)	LED	VM65B2 V1	2000	1920x1080	178 / 178	4000:1	4-c LVDS	50 / -10	Extreme high bright
		VM65B2 V2	500	1920x1080	178 / 178	4000:1	4-c LVDS	50 / -10	
		VM65B2 V3	2500	1920x1080	178 / 178	4000:1	4-c LVDS	50 / -10	Extreme high bright
		VM65B2 V4	1500	1920x1080	178 / 178	4000:1	4-c LVDS	50 / -10	

Extreme Wide panel

Size (Diagonal)		Backlight	AGL Model	Key Specifications						Remark: features
Normal	Wide			Brightness (nit)	Resolution	View angle (Deg)	Contrast ratio	Interface	OP Temp (°C)	
	10" (16:3)	LED	VM10BS V1	1000	800x150	160/ 150	600:1	1-c LVDS	85 / -30	
	14" (16:3)	LED	VM14BS V1/V2/V3	350 / 1000 / 1500	1280x398	170/ 160	1000:1	2-c LVDS	85 / -30	
	19" (16:3)	LED	VM19BS V1	1200	1920x360	178 / 178	3000:1	2-c LVDS	50 / -10	
	28" (16:3)	LED	VM28B1 V1	1500	1920x358	178 / 178	3000:1	2-c LVDS	50 / -10	
	28" (16:3)	LED	VM28B3 V1	1500	1366x256	176 / 176	2000:1	1-c LVDS	50 / -10	
	38" (16:5)	LED	VM38B1 V1	2000	1920x538	178 / 178	4000:1	2-c LVDS	50 / -10	

Standard touch module: 7"~21.5"

Size	Resolution	AGL module code	TP type	Brightness (nits)	Active Area (mm)	Module outline (mm)	Interface	Option
4.3"w	480x272	VM04B3V0-4W01	4 wire resistance	280	95.0 × 53.7	105.5 × 67.2	RGB	
7"w	800x480	VM07B1V1-4W01	4 wire resistance	1000	154.1 × 85.9	164.9 × 100.0	RGB	
7"w	800x480	VM07B1V2-4W01	4 wire resistance	400	154.1 × 85.9	164.9 × 100.0	RGB	
7"w	800x480	VM07B1VA-4W01	4 wire resistance	1000	154.1 × 85.9	164.9 × 100.0	LVDS	
7"w	800x480	VM07B1VB-4W01	4 wire resistance	400	154.1 × 85.9	164.9 × 100.0	LVDS	
7"w	800x480	VM07B1VC-4W01	4 wire resistance	1300	154.1 × 85.9	164.9 × 100.0	LVDS	
7"w	1024x600	VM07B5V7-4W01	4 wire resistance	800	154.2 × 85.9	164.9 × 100.0	LVDS	
7"w	1024x600	VM07B5V7-PC01	p-cap	900	153.6 × 90.0	177.0 x 125.8 (CG)	LVDS	
8"	800x600	VM08B1V8-4W01	4 wire resistance	800	162.0 × 121.5	183.0 × 141.0	TTL	
8"	800x600	VM08B1VA-4W01	4 wire resistance	800	162.0 × 121.5	183.0 × 141.0	LVDS	
10.1"w(16:10)	1280x800	VM10B1V9-PC01	p-cap	1100	217.0 × 135.6	256.7 x 166.4 (CG)	LVDS	
10.1"w(16:10)	1280x800	VM10B1V9-4W01	4 wire resistance	1000	217.0 × 135.6	229.5 × 149.1	LVDS	
10.1"w	1024x600	VM10B8V2-PC01	p-cap	900	222.7 x 125.3	255.7 x 162.3 (CG)	LVDS	
12.1"	800x600	VM12B1V0-5W01	5 wire resistance	300	246.0 × 184.5	279.0 × 209.0	LVDS	
12.1"	800x600	VM12B1V7-5W01	5 wire resistance	800	246.0 × 184.5	279.0 × 209.0	LVDS	
12.1	1024x768	VM12B3VA-5W01	5 wire resistance	800	245.76 × 184.3	260.5 × 204.0	LVDS	
12.1	1024x768	VM12B3VB-5W01	5 wire resistance	1300	245.76 × 184.3	260.5 × 204.0	LVDS	
15"	1024x768	VM15B2V5-5W01	5 wire resistance	800	304.1 x 228.1	326.5 × 253.5	LVDS	
15"	1024x768	VM15B2V5-PC01	p-cap	900	304.1 x 228.1	359.0 × 273.5 (CG)	LVDS	6mm protection glass
15"	1024x768	VM15B2V6-5W01	5 wire resistance	2000	304.1 x 228.1	326.5 × 253.5	LVDS	
15"	1024x768	VM15B2V6-PC01	p-cap	2250	304.1 x 228.1	359.0 × 273.5 (CG)	LVDS	6mm protection glass
15"	1024x768	VM15B2V7-5W01	5 wire resistance	1200	304.1 x 228.1	326.5 × 253.5	LVDS	

15"	1024x768	VM15B2V7-PC01	p-cap	1350	304.1 x 228.1	359.0x273.5(CG)	LVDS	6mm protection glass
15.6"w	1920x1080	VM15B1V2-5W01	p-cap	800	344.1 x 193.6	386.8x237.1	edp	6mm protection glass
19"	1280x1024	VM19B6V1-PC01	p-cap	900	376.3 x 301.1	421.0x346.0	LVDS	6mm protection glass
19"	1280x1024	VM19B6V3-PC01	p-cap	1350	376.3 x 301.1	421.0x346.0	LVDS	6mm protection glass
19"	1280x1024	VM19B6V1-5W01	5 wire resistance	800	376.3 x 301.1	396.0x324.0	LVDS	
19"	1280x1024	VM19B6V3-5W01	5 wire resistance	1200	376.3 x 301.1	396.0x324.0	LVDS	
19"w	1440x900	VM19B2V4-5W01	5 wire resistance	800	408.2x 255.2	428.0x278.0	LVDS	
21.5"	1920x1080	VM22B2V0-5W01	5 wire resistance	200	476.6 x 268.1	495.6 x 292.2	LVDS	
21.5"	1920x1080	VM22B2V6-5W01	5 wire resistance	450	476.6 x 268.1	495.6 x 292.2	LVDS	
21.5"	1920x1080	VM22B2V4-5W01	5 wire resistance	800	476.6 x 268.1	495.6 x 292.2	LVDS	
21.5"	1920x1080	VM22B2V0-PC01	p-cap	230	476.6 x 268.1	520.6x291.8	LVDS	6mm protection glass
21.5"	1920x1080	VM22B2V6-PC01	p-cap	450	476.6 x 268.1	520.6x291.8	LVDS	6mm protection glass
21.5"	1920x1080	VM22B2V4-PC01	p-cap	900	476.6 x 268.1	520.6x291.8	LVDS	6mm protection glass

Digital signage Engine

AGL model name	CPU	GPU	Key spec	Display support& features
DSA04-C1	ARM® Cortex™ -A17 1.8G Hz	Mail-T764	DDR3-2GB + 8GB NAND Flash, Micro SD Up to 64GB, RJ45 10M/100M self-adaption Ethernet, Wifi: 802.11 b/g/n; Blue-tooth, 4 USB HOST, 1 USB OTG/HOST	Resolution Up to 1920 x 1080 Android 4.4 built-in
DSX-40	AMD R-Series 2.3 GHz	AMD Integrated	Display Output: 4 x HDMI, Storage: 64GB mSATA SSD Ethernet: 2 x 10/100/1000 Mbps, Audio: 1 x Audio Line-out I/O: 2 x USB 3.0, 2 x USB 2.0, 2 x RS-232, Audio SPK Jack x1, MIC Jack x1	Resolution Up to 1920 x 1080 fanless chassis design
DSX-41	Intel Core i5 3 GHz	AMD discrete graphics	Display Output: 4 x mini DP (mini DP to HDMI converter dongles included), Storage: 64GB SSD, Ethernet: 1 x 10/100/1000 Mbps Audio: 1 x Audio Line-out, 1 x S/PDIF, I/O: 4 x USB 3.0, 2 x RJ-45, 1 x RS-232	Resolution: Up to 1920 x 1080 Irregular video wall mode Support 4K contents including videos

AGL special LCD service:

- Extra wide view angle solution for TN model TFT
- Regional super narrow view angle optical solution
- Extreme low reflection rate LCD surface design
- High efficiency sunlight film to stop sunlight heat and liquidize TFT
- Resistance / IR / SAW / Projected capacitive / Optical touch screen integration
- Display kits and special thermal control kits
- Industrial grade extra wide op temp LED backlight driver
- Special operation temperature range extension
- LCD Monitor and Digital signage system integration
 - monitor chassis, open frame chassis, panel mounting chassis, rack mounting chassis, water proof chassis