



# --- See and Touch the GVISION Difference

Model		J1PS-DA	L2ES-DA	J2ES-DA-R	L5EX/PX	J5PX-R
LCD Display		10.4" TFT	12.1" TFT	12.1" TFT	15" TFT	15" TFT
Bezel Color		Beige or Black	Beige or Black	Beige or Black	Beige or Black	Beige or Black
Display Size (HxV mm)		210 x 158	246 x 184.5	246 x 184.5	304 x 228	304 x 228
Pixel Pitch (HxV mm)		0.2055 x 0.2055	0.3075 x 0.3075	0.3075 x 0.3075	0.297 x 0.297	0.297 x 0.297
Max. Resolution		SVGA 800x600	SVGA 800x600	SVGA 800x600	XGA 1024x768	XGA 1024x768
Brightness		200 cd/m <sup>2</sup>	200 cd/m <sup>2</sup>	200 cd/m <sup>2</sup> (typical)	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
Contrast Ratio		300:1	250:1	120:1 (typical)	350:1	350:1
Response Time		25 ms	30 ms	30 ms (typical)	25 ms	25 ms
Display Color		262K	262K	262K	16M	16M
Viewing Angle	L/R	+55°~-55°	+45°~-45°	+40°~-40° (typical)	+70°~-70°	+70°~-70°
	U/D	+35°~-15°	+25°~-15°	+40°~-25° (typical)	+70°~-50°	+70°~-50°
PC Interface	Video	RGB analog 0.7Vp-p	RGB analog 0.7Vp-p	RGB analog 0.7Vpeak to peak	RGB analog 0.7Vp-p	RGB analog 0.7Vp-p
	Sync.	TTL positive or negative	TTL positive or negative	TTL positive or negative	TTL positive or negative	TTL positive or negative
Signal Connector	Analog	D-sub 15 pin	D-sub 15 pin	D-sub 15 pin	D-sub 15 pin	D-sub 15 pin
Plug & Play		DDC1 compatible	DDC1 compatible	DDC1/2B compatible	DDC1/2B compatible	DDC1/2B compatible
Audio		1W/per channel driver	N/A	N/A	1W/per channel driver	1W/per channel driver
Optional Touch Screen		Optional (ELO & 3M)	Optional (ELO & 3M)	Optional (ELO & 3M)	Option on PX (ELO & 3M)	Optional (ELO & 3M)
Optional Video In		Optional (S & RCA)	Optional (S & RCA)	N/A	Optional on PX (S & RCA)	N/A
Optional MSR Unit		N/A	Available on L2AS	Available on J2AS	N/A	Available on J5NX
Power		AC/DC Adapter	AC/DC Adapter	AC/DC Adapter	Imbedded Power Supply	Imbedded Power Supply
Dimensions (HxWxD)		9.38" x 10.88" x 1.38"	10.5" x 12.3" x 2.9"	10.5" x 12.3" x 2.9"	13.5" x 15.25" x 3.0"	13.5" x 15.25" x 3.0"
Weight (net lbs.)		3 lbs	6 lbs.	6.6 lbs.	13.5" x 15.25" x 3.0"	11 lbs.
Certifications		C-UL, FCC, TUV/GS, CE, MPR II, EPA,	C-UL, FCC, TUV/GS, CE, MPR II, EPA, D, N, S, F	C-UL, FCC, CE	C-UL, FCC, TUV/GS, CE, MPR II, EPA	C-UL, FCC, TUV/GS, CE, MPR II, EPA, D, N, S, F
Mounting		Removable Base, VESA	Removable Base, VESA	Removable Base, VESA	Removable Base, VESA	Removable Base, VESA



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Model		P15BX-AA	P17BH-AA	P19BH-AA	P19BH-DW	P20GH-GB
LCD Display		15" TFT	17" TFT	19" TFT	19" TFT	20.3" TFT
Effective Display Area		304.1(H)x228.1(V)	337.920(H)x270.336(V)	376.320(H)x301.056(V)	376.320(H)x301.056(V)	408 (H)x 306 (V)
Pixel Pitch (HxV mm)		0.297(H)x0.297(V) mm	0.264(H)x0.264(V) mm	0.294(H)x0.294(V) mm	0.264(H)x0.264(V) mm	0.255 [H]x0.255 (V) mm
Max Resolution		XGA 1024 x 768	SXGA 1280x1024	SXGA 1280x1024	SXGA 1280X1024	UXGA 1600 x 1200
Brightness		250 Cd/m2 (typical)	250 Cd/m2 (typical)	250 Cd/m2 (typical)	250 Cd/m2 (typical)	250 Cd/m2 (Typical)
Contrast Ratio		400:1 (Typical)	450:1 (typical)	600:1 (typical)	600:1 (typical)	700:1 (Typical)
Response Time (Tf+ Tf)		25 ms (typical)	16 ms (typical)	25 ms (typical)	25 ms (typical)	15 ~ 25 ms
Display Color		16 M	16 M	16 M	16 M	16.7 M
Viewing Angle		120(H)x100(V)	150(H)x125(V)	170(H)x170(V)	170(H)x170(V)	170 (H) x 170 (V)
Input Signals		Analog VGA	Analog VGA	Analog VGA	Analog VGA, Video-in (NTSC)	Analogue VGA, Digital-DVI
Stand Base		Tilt down: -5 degree, Tilt up: +90 degree	Tilt down: -5 degree, Tilt up: +90 degree	Tilt down: -5 degree, Tilt up: +90 degree	Tilt down: -5 degree, Tilt up: +20 degree	Potrait/Landscape Swival +65 Tilt up: +9 degree
Signal connector	Analog	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)
	Digital	DVI-D (option)	DVI-D (option)	DVI-D Standard	DVI-D Standard	DVI-D Standard
	Video-in	Factory Option: DW Model	Factory Option: DW Model	Factory Option: DW Model	RCA, S-video	RCA, S-Video (option)
	Card Reader	Factory Option: DW Model	Factory Option: DW Model	Factory Option: DW Model	CF card player (Factory opt.)	N/A
Scan Frequency		H. scan 31~60KHz, V. scan 60~75Hz.	H. scan 31~60KHz, V. scan 60~75Hz.	H. scan 31~60KHz, V. scan 60~75Hz.	H. scan 31~60KHz, V. scan 60~75Hz.	56/60/70/72/75 Hz
Audio System		1W/per channel driver (option)	1W/per channel driver (option)	1W/per channel driver	1W/per channel driver	1W/per channel driver
USB HUB		A type x 2, B type x 1 (option)	A type x 2, B type x 1 (option)	A type x 2, B type x 1 (option)	N/A	A type x 2, B type x 1 (option)
Key Control		power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -
Touch Panel		Optional (ELO & 3M)	Optional (ELO & 3M)	Optional (ELO & 3M)	N/A	Optional (ELO & 3M)
Speakers Out (watts)(R/L)		N/A	N/A	N/A	1W/per channel driver	N/A
Operating Condition	Temperature	5C-35C (41F-95F)	5C-35C (41F-95F)	5C-35C (41F-95F)	5C-35C (41F-95F)	5C-35C (41F-95F)
	Humidity	20%-80% (no condensation)	20%-80% (no condensation)	20%-80% (no condensation)	20%-80% (no condensation)	20%-80% (no condensation)
	Altitude	to 10,000 feet.	to 10,000 feet.	to 10,000 feet.	to 10,000 feet.	To 10,000 feet
Power		Universal power adaptor input AC 100~240V	Imbedded Power Supply	Imbedded Power Supply	Imbedded Power Supply	Imbedded Power Supply
Power Consumption		48 W	48 W	48 W	48 W	48 W
Power Management		VESA DPMS standard	VESA DPMS standard	VESA DPMS standard	VESA DPMS standard	VESA DPMS standard
Dimensions (WxHxD)		351 x 311.5 x 140 mm	392x382x180mm	438x417.5x180 mm	438x454x203 mm	4812x450x210 mm
Weight (Net)		4.5kg	5 kg	5 kg	7 kg	17 kg (w/stand)
Certification		C-UL, FCC, CE	C-UL, FCC, CE	C-UL, FCC, CE	C-UL, FCC, CE	C-UL, FCC, CE



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# --- See and Touch the GVISION Difference

Model		MD15	MA17BH-AA	MA19BH-AA	MA21AU-GB	MG21AU-GD
LCD Display		15" TFT	17" TFT	19" TFT	21.3" TFT	21.3" TFG
Bezel Color		beige or black	black	black	black	black
Effective Display Area		304.1 (H) x 228.1 (V)	337.920(H)x270.336(V)	376.320(H) x 301.056(V)	432.0(H) x 324.0(V)	432.0(H) x 324.0(V)
Pixel Pitch (HxV mm)		0.297(H) x 0.3297 (V) mm	0.264(H)x0.264(V) mm	0.294(H)x0.294(V) mm	0.270 9H)x0.270(V) mm	0.270 9H)x0.270(V) mm
Max. Resolution		XGA 1024 x768	SXGA 1280x1024	SXGA 1280 x 1024	2-Megapixel 1600 x 1200	2-Megapixel 1600 x 1200
Brightness		250 CD/m2 (Typical)	260 Cd/m2 (typical)	250 Cd/m2 (Typical)	250 Cd/m2 (Typical)	800 Cd/m2 (Typical)
Contrast Ratio		400:1 (Typical)	450:1 (typical)	500:1 (Typical)	400:1 (Typical)	700:1 (Typical)
Response Time (Tf+ Tf)		16 ms	16 ms	25 ms	25 ms	35 ms
Display Color		16,777,216 colors	16,777,216 colors	16,777,216 colors	16,777,216 colors	256 gray scales per 1 sub-pixel (8-bit)(766 gray scales per 1 pixel)
Viewing Angle	L/R	120(H) x 100 (V)	176(H) x 176(V)	176(H) x 176(V)	170 (H) x 170 (V)	170 (H) x 170 (V)
Input Signals		Analogue VGA	Analogue VGA	Analogue VGA	Analogue VGA, Digital	Digital
Signal Connector	Analog	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)	N/A
	DVI	N/A	DVI-D	DVI-D	DVI-D	DVI-D
	Video-in	RCA jack, S-video (option)	RCA, S-video (option)	RCA, S-video (option)	RCA, S-Video (option)	N/A
Scan Frequency		56/60/70/72/75 Hz	56/60/70/72/75 Hz	56/60/70/72/75 Hz	56/60/70/72/75 Hz	60 Hz
Touch Panel		<b>Optional (ELO &amp; 3M)</b>	<b>Optional (ELO &amp; 3M)</b>	<b>Optional (ELO &amp; 3M)</b>	<b>Optional (ELO &amp; 3M)</b>	<b>Optional (ELO &amp; 3M)</b>
Operating Condition	Temperature	5C-35C (41F-95F)	5*C-35*C (41*F-95*F)	5*C-35*C (41*F-95*F)	5C-35C (41F-95F)	5C-35C (41F-95F)
	Humidity	20%-80% (no condensation)	20%-80% (no condensation)	20%-80% (no condensation)	20%-80% (no condensation)	20%-80% (no condensation)
	Altitude	To 10,000 feet	To 10,000 feet	To 10,000 feet	To 10,000 feet	To 10,000 feet
OSD Front Control		power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -
Audio		1 W/ per channel	2W/ per channel	2W/ per channel	2.5W/ per channel	TBD
Power		UL2601 Universal power adaptor input AC 100~240V	UL60601 Universal power adaptor input AC 100~240V	UL60601 Universal power adaptor input AC 100~240V	UL60601 Universal power adaptor input AC 100~240V	UL60601 Universal power adaptor input AC 100~240V
Power Consumption		48 watts	48 W	48 watts	48 watts	48 watts
Dimensions (WxHxD)		351 x 311.5 x 140 mm	392x382x180mm	31x314.5x140 mm	377.95x539397x209.99mm	377.95x539397x209.99mm
Weight (Net)		5.3 kg	TBA	4.5 kg	17kg	17 kg
Certifications		UL2601, CE, FCC, TUV EN60601-1	UL60601-1, CE, FCC,TUV EN60601-1	CE, FCC, UL60601-1, TUV, EN60601-1	CE, FCC, UL60601-1, TUV EN60601-1	CE, FCC, UL60601-1, TUV EN60601-1



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Model		K06AV-FA/CA	K08AV-FA/CA	K10AS-CA/FA	K12TS-CA/FA	K15X-CA/FA
LCD Display		6.4" TFT	8.4" TFT	10.4" TFT	12.1" TFT	15" TFT
Effective Display Area		130.56(V)x97.92(H)	170.4(V)x127.8(H)	211.2(V)x158.4(H)	245.8(H)x184.3(V)	304.1(H)x228.1(V)
Pixel Pitch (HxV mm)		0.204(H)x0.204(V) mm	0.213(H)x0.213(V) mm	0.264(H)x0.264(H) mm	0.240(H)x0.240(V) mm	0.297(H)x0.297(V) mm
Max. Resolution		VGA 640x480	SVGA 800x600	SVGA 800x600	SVGA 800x600	XGA 1024 x768
Brightness		250 Cd/m2 (typical)	220 Cd/m2 (Typical)	220 Cd/m2 (Typical)	220 Cd/m2 (Typical)	250 Cd/m2 (typical)
Contrast Ratio		300:1 (Typical)	350:1 (Typical)	400:1 (Typical)	150:1 (Typical)	400:1 (Typical)
Response Time (Tf+ Tf)		45 ms (Typical)	35 ms (typical)	45 ms (Typical)	50 ms (typical)	25 ms (typical)
Display Color		262 K	262 K	262 K	262 K	16 M
Viewing Angle		50(H)x90(V)	120(H)x100(V)	110(H)x80(V)	90(H)x40(V)	120(H)x100(V)
Input Signals		Analogue VGA	Analogue VGA	Analogue VGA	Analogue VGA	Analog VGA
Signal Connector	Analog	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)	D-sub 15 pin (VGA)
	DVI	N/A	N/A	N/A	DVI-D (Option)	DVI-D (Option)
	Video-in	N/A	N/A	N/A	RCA, S-video (Option)	RCA, S-video (Option)
Scan Frequency		H. scan 31~38KHz, V. scan 56~75Hz	H. scan 31~38KHz, V. scan 56~75Hz	H. scan 31~47 KHz, V. scan 56~57Hz.	H. scan 31~47 KHz, V. scan 56~57Hz.	H. scan 31~60KHz, V. scan 60~75Hz.
Touch Panel		<b>Optional (ELO &amp; 3M)</b>	<b>Optional (ELO &amp; 3M)</b>	<b>Optional (ELO &amp; 3M)</b>	<b>Optional (ELO &amp; 3M)</b>	<b>Optional (ELO &amp; 3M)</b>
Operating Condition	Temperature	0C-50C (32F-122F)	0C-50C (32F-122F)	0C-50C (32F-122F)	0C-50C (32F-122F)	0C-50C (32F-122F)
	Humidity	20%-80% (no condensation)	20%-80% (no condensation)	20%-80% (no condensation)	20%-80% (no condensation)	20%-80% (no condensation)
	Altitude	To 10,000 feet	To 10,000 feet	To 10,000 feet	To 10,000 feet	To 10,000 feet
Plug & Play		TBA	TBA	TBA	TBA	TBA
OSD Front Control		power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -	power on/off with LED, menu, select, adjustment + -
Audio		N/A	N/A	N/A	N/A	N/A
Power		Universal power adaptor Input, AC 1--240V, 50~60Hz; Output DC 12V/3A.	Universal power adaptor Input, AC 100~240V, 50~60Hz; Output DC 12V/3A.	Universal power adaptor Input, AC 100~240V, 50~60Hz; Output DC 12V/3A.	Universal power adaptor Input, AC 100~240V, 50~60Hz; Output DC 12V/3A.	Universal power adaptor Input, AC 100~240V, 50~60Hz; Output DC 12V/3A.
Power Consumption		36W	36W	36W	36W	36W
Dimensions (WxHxD)		CA: 201.0x151.4x41.9 mm. FA: 199x149.3x40.9 mm.	CA: 220.0x165.0x41.8 mm. FA: 218.0x163x40.9 mm	CA:265.5,207.3,46.0mm. FA:263.4x205.2x42.9 mm.	CA:340.5x270.5x46.5mm. FA:338x241x43.7mm.	CA:396.5x320.5x57mm. FA:394x288x51mm.
Weight (Net)		CA: 1.5kg. FA: TBA	CA:1.8 Kg. FA: TBA	CA:TBA. FA:2.2 Kg.	4.2kg	5.8kg
Certifications		C-UL, CE	C-UL, CE	C-UL, CE	C-UL, FCC, CE	C-UL, FCC, CE



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