

IP65 LCD Monitors



Model Name	IP65-610	IP65-810	IP65-1010	IP65-1011	IP65-1210	IP65-1211
Picture						
Viewable Size Image	6.4"	8.4"	10.4"	10.4"	12.1"	12.1"
Active Display Area(mm)	129.6(H)x97.44(V)	170.4(H)x127.8(V)	211.2(H)x158.4(V)	211.2(H)x158.4(V)	246.0(H)x184.5(V)	245.76(H)x184.32(V)
Pixel Pitch(mm)	0.203(H)x0.203(V)	0.213(H)x0.213(V)(typ.)	0.264(H)x0.264(V)(typ.)	0.33(H)x0.33(V)	0.3075(H)x0.3075(V)	0.240(H)x0.240(V)
Number of Pixels	640x480	800x600	800x600	640x480	800x600	1024x768
Contrast Ratio	120:1(typ.)	300:1(typ.)	350:1(typ.)	500:1(typ.)	500:1(typ.)	550:1(typ.)
Display Colour	262144(6bit/colours)	262144(6bit/colours)	262144(6bit/colours)	260K	262144(6bit/colours)	262144(6bit/colours)
Brightness(cd/m)	300	350	350(typ.)	380	350	300
Viewing Angle(CR>=10)	-55~55(H);-35~15(V)(typ.)		-60~60(H);-60~40(V)	-65~65(H);-65~45(V)	-65~65(H);-75~45(V)	-65~65(H);-75~45(V)
Synchronization Range Horizontal/Vertical	31.5~37.9KHz/60~75Hz	31.5~48.1KHz/56~75Hz	31.5~48.1KHz/56~75Hz	31.5~37.9KHz/60~75Hz	31.5~48.1KHz/56~75Hz	31.5~60KHz/60~75Hz
Recommended Resolution	640x480@60Hz,75Hz	800x600@60Hz,75Hz	800x600@60Hz,75Hz	640x480@60Hz,75Hz	800x600@60Hz,75Hz	1024x768@60Hz,75Hz
Signal Connector	15 pin D-Sub	15 pin D-Sub	15 pin D-Sub	15 pin D-Sub	15 pin D-Sub	15 pin D-Sub
Power Source	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%
Power Consumption	15W typical, normal operation	25W typical, normal operation	18W typical, normal operation	18W typical, normal operation	40W typical, normal operation	18W typical, normal operation
Power Management	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B
Optional Video Input	S-Video, Composite	S-Video, Composite	S-Video, Composite	S-Video, Composite	S-Video, Composite	S-Video, Composite
Optional DVI Input	No	No	No	No	No	No
Optional Touch Screen	Resistive,	Resistive, Capacitive	Resistive, Capacitive	Resistive, Capacitive	Resistive, Capacitive	Resistive, Capacitive

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IP65 LCD Monitors



Model Name	IP65-1212	IP65-1510	IP65-1511	IP65-1512	IP65-1710
Picture					
Viewable Size Image	12.1"	15"	15"	15"	17"
Active Display Area(mm)	246.0(H)x184.5(V)	204.128(H)x228.096(V)	304.1(H)x228.1(V)	304.1(H)x228.1(V)	337.92(H)x270.34(V)
Pixel Pitch(mm)	0.3075(H)x0.3075(V)(typ.)	0.297(H)x0.297(V)	0.297(H)x0.297(V)	0.297(H)x0.297(V)	0.264(H)x0.264(V)
Number of Pixels	800x600	1024x768	1024x768	1024x768	1280x1024
Contrast Ratio	200:1(typ.)	400:1(typ.)	400:1(typ.)	500:1(typ.)	500:1(typ.)
Display Colour	262144(6bit/colours)	262144(6bit/colours)	16.2M(6bit+FRC)	16.2M(6bit+FRC)	16.2M(6bit+FRC)
Brightness(cd/m)	300	500	250(typ.)	400(typ.)	300(typ.)
Viewing Angle(CR>=10)	-60~60(H);-55~40(V)(typ.)	-70~70(H);-60~60(V)	-60~60(H);-60~45(V)(typ.)	-70~70(H); -60~65(V)(typ.)	-75~75(H);-60~70(V)
Synchronization Range Horizontal/Vertical	31.5~48.1KHz/56~75Hz	31.5~60.0KHz/60~75Hz	31.5~60.0KHz/60~75Hz	31.5~60.0KHz/60~75Hz	31.5~80.0KHz/56~75Hz
Recommended Resolution	800x600@60Hz,75Hz	1024x768@60Hz,75Hz	1024x768@60Hz,75Hz	1024x768@60Hz,75Hz	1280x1024@60Hz,75Hz
Signal Connector	15 pin D-Sub	15 pin D-Sub	15 pin D-Sub	15 pin D-sub	15 pin D-Sub
Power Source	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%
Power Consumption	15W typical, normal operation	35W typical, normal operation	25W typical, normal operation	25W typical, normal operation	32W typical, normal operation
Power Management	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B
Optional Video Input	S-Video, Composite	S-Video, Composite	S-Video, Composite	S-Video, Composite	S-Video, Composite
Optional DVI Input	No	No	Yes	Yes	Yes
Optional Touch Screen	Resistive, Capacitive	Resistive, Capacitive	Resistive, Capacitive	Resistive, Capacitive	Resistive, Capacitive

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IP65 LCD Monitors



Model Name	IP65-1711	IP65-1712	IP65-1713	IP65-1910	IP65-2010
Picture					
Viewable Size Image	17"	17"	17"	19"	20.1"
Active Display Area(mm)	337.92(H)x270.34(V)	337.92(H)x270.34(V)	337.92(H)x270.34(V)	376.32(H)x301.056(V)	408.0(H)x306.0(V)
Pixel Pitch(mm)	0.264(H)x0.264(V)	0.264(H)x0.264(V)	0.264(H)x0.264(V)	0.294(H)x0.294(V)	0.255(H)x0.255(V)
Number of Pixels	1280x1024	1280x1024	1280x1024	1280x1024	1600x1200(UXGA)
Contrast Ratio	700:1(typ.)	450:1(typ.)	700:1(typ.)	600:1(typ.)	700:1(typ.)
Display Colour	16.2M(6bit/FRC)	16.7M(8bit/colours)	16.2M(6bit/FRC)	16.7M(8bit/colours)	16.7M(8bit/colours)
Brightness(cd/m)	300(typ.)	280(typ.)	300(typ.)	250	250
Viewing Angle(CR>=10)	-75~75(H); -65~75(V)	-70~70(H);-60~60(V)	-75~75(H); -65~75(V)	-85~85(H);-85~85(V)	-85~85(H);-85~85(V)
Synchronization Range Horizontal/Vertical	64~80.0KHz/60~75Hz	31.5~80.0KHz/60~75Hz	64~80.0KHz/60~75Hz	31.5~80.0KHz/60~75Hz	31.5~80KHz/56~60Hz
Recommended Resolution	1280x1024@60Hz,75Hz	1280x1024@60Hz,75Hz	1280x1024@60Hz,75Hz	1280x1024@60Hz,75Hz	1600x1200@60Hz,75Hz
Signal Connector	15 pin D-sub	15 pin D-Sub	15 pin D-sub	15 pin D-Sub	15 pin D-Sub
Power Source	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%	AC100~240V, Universal, 10%
Power Consumption	38W typical, normal operation	32W typical, normal operation	38W typical, normal operation	35W typical, normal operation	60W typical, normal operation
Power Management	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant	VESA DPMS Compliant
Plug & Play	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B	VESA DDC 1/2B
Optional Video Input	S-Video, Composite	S-Video, Composite	S-Video, Composite	S-Video, Composite	S-Video, Composite
Optional DVI Input	Yes	Yes	Yes	Yes	Yes
Optional Touch Screen	Resistive, Capacitive	Resistive, Capacitive	Resistive, Capacitive	Resistive, Capacitive	Resistive, Capacitive

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