Express Plus Specification Matrix

January 23, 2008

	15" w/Touch	15" w/o Touch	17" w/Touch	17" w/o Touch	19" w/Touch	19" w/o Touch
LCD	15" Active Matrix TFT		17" Active Matrix TFT		19" Active Matrix TFT	
Resolution	1024 x 768		1280 x 1024		1280 x 1024	
Colors	16.2 million		16.7 million		16.7 million	
Brightness	220 nits	250 nits	260 nits	280 nits	240 nits	300 nits
Contrast Ratio	500:1 typical	500:1 typical	800:1 typical	600:1 typical	1000:1 typical	700:1 typical
View Angle (H)	140°	160°	160°	170°	178°	160°
View Angle (V)	115°	115°	160°	155°	178°	160°
Panel Response Time	14.5 ms	16 ms	7.2 ms	8 ms	22 ms	8 ms
Backlight MTBF	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Video Input	HD15 D-Sub RGB Analog Only	HD15 D-Sub RGB Analog Only	HD15 D-Sub RGB Analog Only	HD15 D-Sub RGB Analog Only	HD15 D-Sub RGB Analog Only	HD15 D-Sub RGB Analog Only
Video Sync	H/V Composite Sync on Green	H/V Only	H/V Composite Sync on Green	H/V Only	H/V Composite Sync on Green	H/V Only
Input Voltage	12VDC Power Brick	100 / 240 VAC Auto Detect	12VDC Power Brick	100 / 240 VAC Auto Detect	12VDC Power Brick	100 / 240 VAC Auto Detect
Power Dissipation	30 Watts	23 Watts	40 Watts	35 Watts	50 Watts	35 Watts
Weight	8 lbs.	6 lbs.	10 lbs.	9 lbs.	13.5 lbs	11 lbs.
Operating Temp	0° to 40° C	0° to 40° C	0° to 40° C	0° to 40° C	0° to 40° C	0° to 40° C
Storage Temp	-20° to 60° C	-20° to 60° C	-20° to 60° C	-20° to 60° C	-20° to 60° C	-20° to 60° C
Humidity	20 to 80 % non-condensing	20 to 80 % non-condensing	20 to 80 % non-condensing	20 to 80 % non-condensing	20 to 80 % non-condensing	20 to 80 % non-condensing
Altitude	10,000 Feet	10,000 Feet	10,000 Feet	10,000 Feet	10,000 Feet	10,000 Feet
Shock	15G, 11ms pulse X/Y/Z axis	15G, 11ms pulse X/Y/Z axis	15G, 11ms pulse X/Y/Z axis	15G, 11ms pulse X/Y/Z axis	15G, 11ms pulse X/Y/Z axis	15G, 11ms pulse X/Y/Z axis
Vibration	.006" pk/pk, 5-57Hz 1G pk, 57-500Hz	.006" pk/pk, 5-57Hz 1G pk, 57-500Hz	.006" pk/pk, 5-57Hz 1G pk, 57-500Hz	.006" pk/pk, 5-57Hz 1G pk, 57-500Hz	.006" pk/pk, 5-57Hz 1G pk, 57-500Hz	.006" pk/pk, 5-57Hz 1G pk, 57-500Hz
Dimensions Panel Mount	17.60"W 13.80"H 2.00"D	17.60"W 13.80"H 2.50"D	18.00"W 15.00"H 2.25"D	18.00"W 15.00"H 2.75"D	19.00"W 15.75"H 2.25"D	19.00"W 15.75"H 2.75"D
Dimensions Rack Mount	N/A	N/A	19.00"W 15.75"H 2.25"D	N/A	19.00"W 15.75"H 2.25"D	N/A
Touch Technology Available	Resistive Capacitive Surface Acoustic	N/A	Resistive Capacitive Surface Acoustic	N/A	Resistive Capacitive Surface Acoustic	N/A
Mounting Method	Perimeter Stud 10-32 x 12 places all panel mount versions 19" Equipment Rack 10-32 x 8 places all rack mount versions					
Agency Approvals	Worldwide	N/A	Worldwide	N/A	Worldwide	N/A
Warranty	3 Years Parts & Labor	3 Years Parts & Labor	3 Years Parts & Labor	3 Years Parts & Labor	3 Years Parts & Labor	3 Years Parts & Labor