

X-TILE-M-Series Specification

X-TILE MONITORING SYSTEM	15.0 Inch DeskTop Panel Application				19.0 Inch DeskTop Panel Application				20.1 Inch DeskTop Panel Application						
	Model Name	Number of Panels		Diagonal	Dimension	Model Name	Number of Panels		Diagonal	Dimension	Model Name	Number of Panels		Diagonal	Dimension
	(M150xxD)	Horizontal	Vertical	(Inch)	(W x H) (mm)	(M190xxD)	Horizontal	Vertical	(Inch)	(W x H) (mm)	(M201xxD)	Horizontal	Vertical	(Inch)	(W x H) (mm)
	M15032D	3	2	43.6	1064 x 572	M19032D	3	2	53.5	1255 x 713	M20132D	3	2	57.5	1363 x 728
	M15052D	5	2	67.6	1760 x 630	M19052D	5	2	82.3	2108 x 771	M20152D	5	2	89.3	2288 x 786
	M15043D	4	3	59.8	1432 x 885	M19043D	4	3	73.5	1710 x 1097	M20143D	4	3	78.8	1854 x 1119
	M15044D	4	4	65.4	1432 x 1140	M19044D	4	4	80.9	1710 x 1422	M20144D	4	4	86.1	1854 x 1452
	M15054D	5	4	76.0	1760 x 1140	M19054D	5	4	93.5	2108 x 1422	M20154D	5	4	100.2	2288 x 1452
	M15064D	6	4	87.3	2088 x 1140	M19064D	6	4	107.0	2505 x 1422	M20164D	6	4	115.0	2721 x 1452
	M15086D	8	6	119.6	2744 x 1650	M19086D	8	6	146.9	3300 x 2073	M20186D	8	6	157.6	3588 x 2118
	M150106D	10	6	142.5	3400 x 1650	M190106D	10	6	174.4	4095 x 2073	M201106D	10	6	187.9	4455 x 2118

Panel Specification

	15 Inch TFT-LCD for DeskTop	19 Inch TFT-LCD for DeskTop	20.1 Inch TFT-LCD for DeskTop
Panel Type	15 Inch TFT-LCD for DeskTop	19 Inch TFT-LCD for DeskTop	20.1 Inch TFT-LCD for DeskTop
Panel Size (mm)	326.5(H) x 253.5(V)	396.0(H) x 324.0(V)	432.0(H) x 331.5(V)
Panel Resolution	XGA : 1024(H) x 768(V)	SXGA : 1280(H) x 1024(V)	UXGA : 1600(H) x 1200(V)
Display Colors	16.7M Colors	16.7M Colors	16.7M Colors
Aspect Ratio	4:3	5:4	4:3
Pixel Pitch (mm)	0.297(H) x 0.297(V)	0.294(H) x 0.294(V)	0.255(H) x 0.255(V)
Brightness (nits)	250 (cd/m ²)	300 (cd/m ²)	300 (cd/m ²)
Contrast Ratio	450 : 1	700 : 1	700 : 1
Viewing angle (°C)	Left/Right : 120, Up/Down : 130	Left/Right : 160, Up/Down : 160	Left/Right : 178, Up/Down : 178
Display Area (mm)	304.1(H) x 228.1(V)	376.32(H) x 301.056(V)	408.0(H) x 306.0(V)
Interface	1 LVDS	2 LVDS	2 LVDS
Back Light	4 CCFL	4 CCFL	6 CCFL
Power Consumption	25W / Each Monitor Module	45W / Each Monitor Module	60W / Each Monitor Module

X-TILE MONITORING SYSTEM	32.0 Inch TV Panel Application				42.0 Inch FULL-HD TV Panel Application				47.0 Inch FULL-HD TV Panel Application						
	Model Name	Number of Panels		Diagonal	Dimension	Model Name	Number of Panels		Diagonal	Dimension	Model Name	Number of Panels		Diagonal	Dimension
	(M320xxT)	Horizontal	Vertical	(Inch)	(W x H) (mm)	(M420xxTH)	Horizontal	Vertical	(Inch)	(W x H) (mm)	(M470xxTH)	Horizontal	Vertical	(Inch)	(W x H) (mm)
	M32021T	2	1	61.9	1750 x 593	M42021TH	2	1	82.2	2241 x 753	M47021TH	2	1	89.4	2422 x 783
	M32022T	2	2	69.0	1750 x 1046	M42022TH	2	2	92.1	2241 x 1366	M47022TH	2	2	99.4	2422 x 1426
	M32031T	3	1	91.1	2513 x 593	M42031TH	3	1	120.8	3250 x 753	M47031TH	3	1	131.5	3521 x 783
	M32032T	3	2	96.1	2513 x 1046	M42032TH	3	2	127.7	3250 x 1366	M47032TH	3	2	138.5	3521 x 1426
	M32041T	4	1	120.8	3276 x 593	M42041TH	4	1	159.9	4258 x 753	M47041TH	4	1	174.2	4620 x 783
	M32042T	4	2	124.6	3276 x 1046	M42042TH	4	2	165.2	4258 x 1366	M47042TH	4	2	179.5	4620 x 1426

Panel Specification

	32.0 Inch TFT-LCD for LCD-TV	42.0 Inch TFT-LCD for FULL-HD LCD-TV	47.0 Inch TFT-LCD for FULL-HD LCD-TV
Panel Type	32.0 Inch TFT-LCD for LCD-TV	42.0 Inch TFT-LCD for FULL-HD LCD-TV	47.0 Inch TFT-LCD for FULL-HD LCD-TV
Panel Size (mm)	760.0(H) x 450.0(V)	1006.0(H) x 610.0(V)	1096.0(H) x 640.0(V)
Panel Resolution	WXGA : 1366(H) x 768(V)	1920(H) x 1080(V)	1920(H) x 1080(V)
Display Colors	16.7M Colors	16.7M Colors	16.7M Colors
Aspect Ratio	16 : 9	16 : 9	16 : 9
Pixel Pitch (mm)	0.51075(H) x 0.51075(V)	0.4845(H) x 0.4845(V)	0.5415(H) x 0.5415(V)
Brightness (nits)	500 (cd/m ²)	550 (cd/m ²)	550 (cd/m ²)
Contrast Ratio	1600 : 1	800 : 1	1200 : 1
Viewing angle (°C)	Left/Right : 178, Up/Down : 178	L/R : 178, U/D : 178	L/R : 178, U/D : 178
Display Area (mm)	697.685(H) x 392.256(V)	930.25(H) x 523.01(V)	1039.68(H) x 584.82(V)
Interface	1 LVDS	2 LVDS	2 LVDS
Back Light	18 EEFL	22 CCFL	24 CCFL
Power Consumption	130W / Each Monitor Module	240W / Each Monitor Module	300W / Each Monitor Module

Common Specification

Input Port Analog RGB VIDEO	Optional : Analog RGB Input, Female D-sub-15-pin, (Max upto 16 Analog RGB Input)
Control Port	Optional : Composite Video Input, Female RCA or BNC, (Max upto 64 Composite Video Input)
Storage Temperature	RS-232C, Female D-sub-9-pin
Operating Temperature	-20 ~ 50 (°C)
Storage Humidity	0 ~ 40 (°C)
Operating Humidity	10 ~ 90 (%RH)
Power Input Voltage	10 ~ 90 (%RH)
	AC 100 ~ 240V (50Hz/60Hz)

