Industrial Monitors and Touch Monitors

LCD Monitor Specifications	Heavy						Light	
Part Numbers	FPM-120	FPM-120-TS	FPM-150	FPM-150-TS	FPM-170	FPM-170-TS	FLI-150	FLI-150-TS
Price	<--->	<--->	<--->	<--->	<--->	<--->	<--->	<--->
Screen Specifications (Active Matrix)								
Display Type	TFT Active Matrix		TFT Active Matrix		TFT Active Matrix		TFT Active Matrix	
Active Screen Area	9.69" x 7.25"		11.97" x 8.98"		13.3" x 10.64"		11.97" x 8.98"	
Colors Supported	256,000		24bit (16M)		24bit (16M)		24bit (16M)	
Brightness (Nits)	300		450		250		250	
Contrast Ratio	200:1		300:1		500:1		300:1	
*Maxium Screen Resolution**	VGA-SVGA		VGA-SXGA		VGA-SXGA		VGA-SXGA	
Native Resolution (Best Picture)	SVGA		XGA		SXGA		XGA	
Auto Adjust Screen	Yes		Yes on power up		Yes on power up		Yes on power up	
Horizontal Viewing Angle (L/R)	55/55		70/70		85/85		70/70	
Vertical Viewing Angle (Up/Down)	40/45		55/65		85/85		55/65	
Video Interface								
VGA (HD-15F)	YES							
DVI (Digital Video Interface)	NO		NO		YES		NO	
NTSC	NO		NO		YES		YES	
S-Video	NO		NO		YES		YES	
Electrical Specifications								
Input Power	20W		25W		30W		25W	
Input Voltage	120/240VAC Auto-switching		120/240VAC Auto-switching		120/240VAC Auto-switching		12VDC (nominal)	
Current Draw Amps (At Voltage)	.15 (120VAC)		.20 (120VAC)		.25 (120VAC)		2.0 (12VDC)	
Back Light Lamp Life (Half-life hours)	50K		35K		35K		35K	
Mechanical Specifications								
NEMA 4/12 (installed in suitable enclosure)	4/12		4/12		4/12		4/12	
Chassis Depth	2.38"		2.68"		2.68"		1.75"	
Bezel OD	15"x12.5"		17.56"x14.56		17.56"x14.56"		16.21"x13.22"	
Bezel Finish (All powder coated)	Black textured		Black textured		Black textured		Gray and black	
Bezel Construction	.25" Machined Alum.		.25" Machined Alum.		.25" Machined Alum.		Steel	
Chassis Construction	16 Ga SS		16 Ga SS		16 Ga SS		16 Ga Steel	
Recessed Cable Exit	Yes		Yes		Yes		Yes	
Environmental Specifications								
Operating Temp °C (°F)	0 to 50 (32 to 122)		0 to 50 (32 to 122)		0 to 50 (32 to 122)		0 to 50 (32 to 122)	
Storage Temp °C (°F)	0 to 60 (32 to 140)		0 to 60 (32 to 140)		0 to 60 (32 to 140)		0 to 60 (32 to 140)	
Operating/Storage Humidity (%)	10 to 95		10 to 95		10 to 95		10 to 95	

** Note: VGA: 640x480 pixels; SVGA: 800x600 pixels; XGA: 1024x768 pixels; SXGA: 1280x1024 pixels.*

Touchscreen Specifications	All Touchscreen (-TS) Models
5 Wire Touch	Yes
Touch Resolution (points/inch)	400 ppi
Screen Finish	Anti-reflective
Chemical Resistance	Acetone, MEK, mineral sprits, Isopropyl alcohol, Methylene chloride
Estimated Life	>35 million touches in one location
Computer Interface	Serial RS-232 (standard)
Electrostatic Protection	IEC 801-2
Impact Window	**All Non-touch Models**
Material	0.118" acrylic
Finish	Anti-glare hard coat

Heavy Industrial LCD Monitors

12″ FPM-120 & FPM-120-TS
15″ FPM-150 & FPM-150-TS
17″ FPM-170 & FPM-170-TS
(-TS models have resistive touchscreens)

Side ventilation: no top vents for better dust and spill protection with minimal heat build-up

16-gauge stainless steel chassis provides corrosion resistance and extra strength. Flip-down back panel allows easy access for servicing the lamp.

90-264 VAC input with power filter and internal continuous duty power supply accommodates industrial power environment.

Easy external access to fuses

Screen setup via rear membrane keypad prevents tampering

"Auto-adjust" button on back panel keypad for easy display optimization

Slim profile and recessed cable connections don't waste your panel space

Plenty of flange clearance

Units have pressed-in studs and heavy-duty machined aluminum bezel with powder coat finish. Solid bezel doesn't flex and compromise moisture seal. Attractive polymer finish is resistant to scratches and chemicals.

Premium viewing angles:
15" has 70°/70° horizontal, 55°/65° vertical
12.1" has 55°/55° horizontal 40°/45° vertical
This allows everyone in the work area to read the display!

Auto-scaling, auto-adjusting
(15" and 17" are VGA-SXGA, 12.1" is VGA-SVGA)
Full screen display at your choice of resolution

400 ppi, 5 wire, resistive touch-screen (optional):
400 ppi allows fine-featured touch control; works with gloved hands and is the most durable and reliable in industrial environments.

Three-year guarantee on touch screen

Robust, flexible touchscreen drivers for WinXP, Win2000, WinNT, Win98, Win95 and DOS provided
Software works on Com 1-4 to accommodate other applications

UL, cUL, CE approved

VICPAS HMI Parts Center
1-800-633-0405

Light Industrial LCD Monitors

15" FLI-150 & FLI-150-TS

(-TS models have resistive touchscreens)

Pressed-in studs and 2-piece bezel (solid steel plate with powder-coated, steel front panel). Solid bezel doesn't flex and compromise moisture seal. Steel front panel provides an industrial quality finish and an attractive appearance.

No ventilation required; keeps dust out

16-gauge powder coated steel chassis with a durable polymer finished steel provides corrosion resistance.

Screen set-up via rear membrane keypad prevents tampering.

Slim design and recessed cable connections save panel space. *(only 1.75" deep)*

External 12 VDC power supply required: use DC power already in your panel, or buy our PS12-050D or PS-MON-A.

Plenty of flange clearance

Excellent viewing angles: 70°/70° horizontal, 55°/65° vertical *No need to crowd around the monitor!*

Auto-scaling , Auto-adapting (VGA-SXGA) Full screen display at your choice of resolution

400 ppi, 5 wire, resistive touch-screen (optional): 400 ppi allows fine-featured touch control; works with gloved hands and is the most durable and reliable in industrial environments.

Three-year guarantee on touch screen

Robust, flexible touchscreen drivers for WinXP, Win2000, WinNT, Win98, Win95 and DOS provided. **Software works on Com 1-4** to accommodate other applications.

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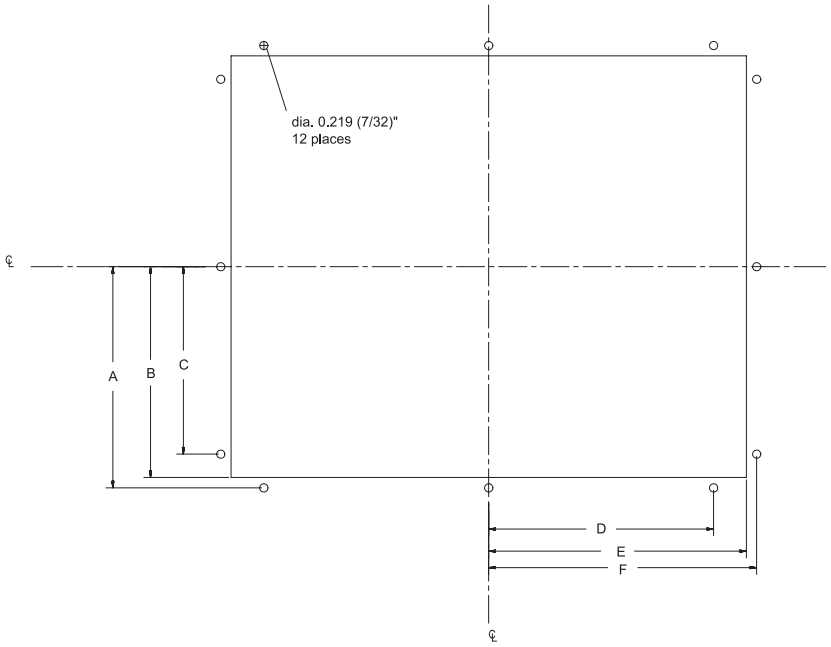
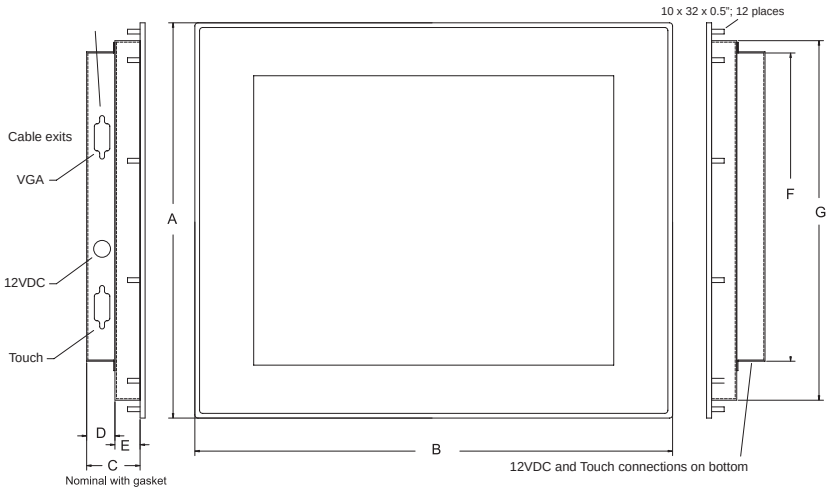
Industrial LCD Monitor Dimensions



Template dimensions for FLI-150, FLI-150-TS, FPM-120, FPM-120-TS, FPM-150, FPM-150-TS, FPM-170 and FPM-170-TS models

Cut Out Dimensions (inches)						
Part Number	*A*	*B*	*C*	*D*	*E*	*F*
FLI-150 FLI-I50-TS	6.25	6.03	5.00	6.00	7.53	7.75
FPM-120 FPM-120-TS	5.90	5.63	5.00	6.00	6.88	7.15
FPM-150 FPM-150-TS	7.00	6.78	4.00	5.00	8.28	8.50
FPM-170 FPM-170-TS	7.00	6.78	4.00	5.00	8.28	8.50

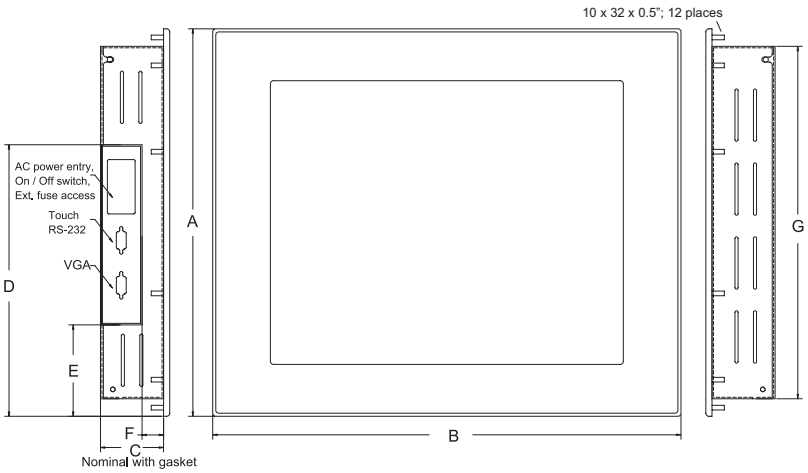


Outside dimensions for FLI-150 and FLI-150-TS models

Outside Dimensions (inches)							
Part Number	*A*	*B*	*C*	*D*	*E*	*F*	*G*
FLI-150 FLI-I50-TS	13.22	16.21	1.75	1.06	0.69	8.03	11.02

VICPAS HMI Parts Center

Industrial LCD Monitor Dimensions



Outside dimensions for FPM-120, FPM-120-TS, FPM-150, FPM-150-TS, FPM-170 and FPM-170-TS models

Outside Dimensions (inches)							
Part Number	*A*	*B*	*C*	*D*	*E*	*F*	*G*
FPM-120 FPM-I20-TS	12.50	15.00	2.38	9.87	2.57	0.76	10.87
FPM-150 FPM-150-TS	14.56	17.56	2.68	10.88	3.68	1.06	13.31
FPM-170 FPM-170-TS	14.56	17.56	2.68	10.88	3.68	1.06	13.31