



MODEL: K32A-0111

TRU 32" MULTI-TOUCH MONITOR SPECIFICATION

Version 1.2

Date 11/21/2011

REVISION HISTORY

Version #	Implemented By	Revision Date	Approved By	Approval Date	Reason
1.0	Scott Ippel	06/27/2011			Initial Release
1.1	Scott Ippel	10/03/2011			Updated monitor and shipping weights
1.2	Scott Ippel	11/21/2011			Updated for Slim line design and Full HD panel

Touch Revolution is committed to continuous improvement of its product designs and performance. This document is therefore subject to change without notice. Please contact a customer representative to insure that you have the most current specification. Products are not intended for use in safety-critical or military/aerospace applications, and customer is responsible for all legal and regulatory requirements associated with use in such applications.

(c) Copyright 2010
TPK U.S.A. LLC
All Rights Reserved

TABLE OF CONTENTS

1 GENERAL SPECIFICATIONS.....1

1.1 Display Specifications.....1

1.2 Physical Specifications.....2

1.3 Electrical Specifications.....2

1.4 Touch Specifications.....2

1.5 Environmental Specifications3

1.6 Miscellaneous Specifications3

2 MECHANICAL DRAWINGS.....4

2.1 Overview Geometry4

2.2 Mounting Geometry5

1 GENERAL SPECIFICATIONS

1.1 DISPLAY SPECIFICATIONS

Characteristic	Value		Comment
LCD Size/Type	32” Diagonal TFT Active Matrix Panel		
Aspect Ratio	16:9		
Active Area	Horizontal	698.4 mm	
	Vertical	392.9 mm	
Pixel Pitch	Horizontal	.36375 mm	
	Vertical	.36375 mm	
Panel Resolution	1920 X 1080		Native
Display Modes	VGA 720 X 400 (60 Hz)		
	720 X 576 (50 Hz)		
	SVGA 800 X 600 (50/60 Hz)		
	XGA 1024 X 768 (60Hz)		
	1280 X 720 (50/60 Hz)		
	SXGA (UVGA) 1280 X 960 (60 Hz)		
	SXGA 1280 X 1024 (60 Hz)		
	WXGA 1366 X 768 (60 Hz)		
	Full HD 1920 X 1080		
Display Color	16.7 Million		8 bits
Contrast Ratio	5000:1		
Brightness	360 nits		Typical
Response Time	6.5 ms		Typical
Viewing Angle	Horizontal	178°	Typical
	Vertical	178°	
Video Input Format	VGA RGB Analog 0.7V peak to peak DVI-D or HDCP-capable HDMI 1.3		
Video Sync Format	Separated H&V Sync / Composite Sync / Sync-on Green		
Video Signal Input	D-sub 15 pin female (Analog) and DVI		

1.2 PHYSICAL SPECIFICATIONS

Characteristic	Value		Comment
Dimensions (Including Stand)	Width	786.1 mm	See Drawings in Section 2.1 Excludes Optional Stand
	Height	480.7 mm	
	Depth	100.5 mm	
Weight of Monitor	17.6 kg		
Weight of Stand	4.1 kg		
Total Weight of Monitor with Stand	21.7 kg		
Shipping Weight of Monitor	20.6 kg		
Shipping Weight of Stand	5.3 kg		

1.3 ELECTRICAL SPECIFICATIONS

Characteristic	Value		Comment
Power Supply	AC Input 100 ~ 240 V (50/60 Hz)		
Power Consumption	Operating	100 W	Typical Value

1.4 TOUCH SPECIFICATIONS

Touch Technology			Projected Capacitive
Touch Interface			USB (Type B)
Multi-Touch Support			At least 2 unambiguous points
Maximum Report Rate			TBD
OS Supported	Native Support	Multi-Touch	Windows 7
		Single Touch	TBD
	Driver Support	Multi-Touch	TBD

1.5 ENVIRONMENTAL SPECIFICATIONS

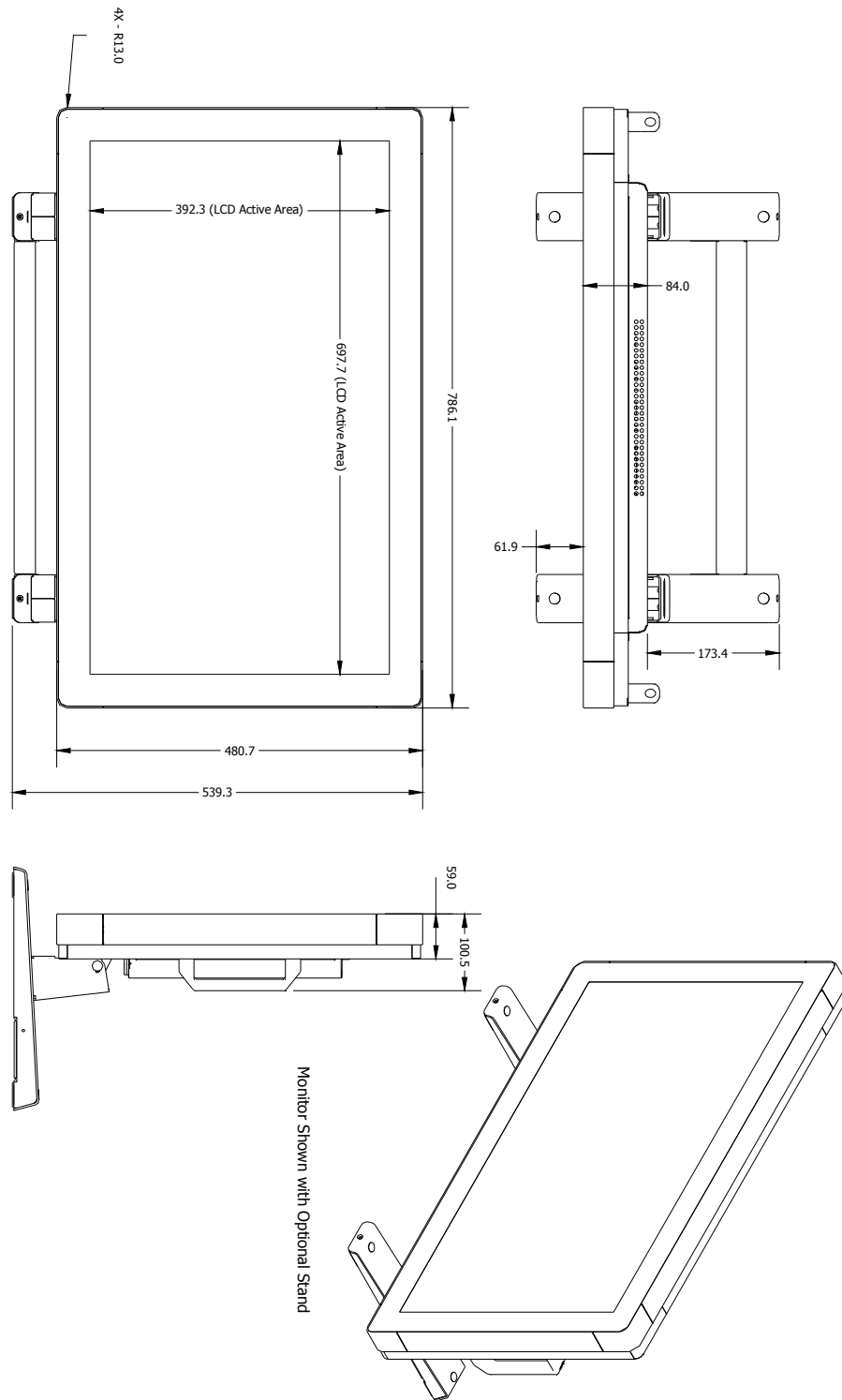
Condition		Specification
Temperature	Operating	0°C ~ +40°C
	Storage	-20°C ~ +60°C
Humidity	Operating	20% ~ 80%
	Storage	10% ~ 90%

1.6 MISCELLANEOUS SPECIFICATIONS

OSD Keys	Control Key	Power On/Off, Select, Down, Up
	OSD Options	Contrast, Brightness, Auto Adjust, Left/Right, Down/Up
		Horizontal Size, Fine, OSD Left/Right, OSD Down/Up
		OSD Timeout, Factory Reset, Language, RGB, Audio
Audio		2 Watt Speakers / 2 Channels
Plug & Play		DDC 2B Compatible
Compliance		TUV, CE, UL, CUL, FCC-B, RoHS,

2 MECHANICAL DRAWINGS

2.1 OVERVIEW GEOMETRY



2.2 MOUNTING GEOMETRY

