Touch panel

TY-TP58P10S

■Product summary

A touch panel compatible with a 58-inch plasma display, this device achieves the high resolution of Approx. 32 000 x 18 000 while maintaining an extremely thin and compact design.
With a built-in USB interface, the touch panel can be easily connected to peripheral devices of equipment such as personal computers.

■Product specifications   (Design and specifications are subject to change without notice)

Spec	
Detection system	Infrared ray interruption
Panel aperture (W x H)	1305 mm (W) x 747.5 mm (H) (51.4" x 29.4")
Detection range (W x H)	1287 mm (W) x 723.5 mm (H) (50.7" x 28.5")
Effective detection range	1287 mm (W) x 723.5 mm (H) (50.7" x 28.5")
Operation modes	Input point, Continuous, End point detection
Resolution (W x H)	32 000 (W) x 18 000 (H) points *1
Output system	Coordinate output
Optical elements	Infrared LED 4 pcs, CMOS image sensor 2 pcs
Minimum detection size	9mm (0.4")
Responce rate	100 points / sec.
Interface Spec	
Interface	USB 2.0 full spead device
Compliant signal	+DATA, –DATA, VCC, GND
I/F Connector	TYPE B
Structure	
Panel shape	Flat panel
Dimensions (W x H x D)	1 395.4mm (W) x 923.1 mm (H) x 47.9 mm (D) (54.9" X 36.3" x 1.9")
	(Except bracket, Inclusive of protruding portion)
Weight	5.8 kg (12.8 lbs) (Except bracket)
Escutcheon (frame)	Aluminum

Environment		
Temperature	Operation	0 to 40 °C (Temperature gradient) *2
Humidity	Operation	20 to 80 % (No dewing) *2
Resistance to external light	Lateral light	2 000 lx + 20 % (20° angle of incidence)
	Frontal light	10 000 lx + 20 % (90° angle of incidence)

Main unit	
Power supply (voltage)	DC + 5 V ± 10 % (Supplied from USB bus power)
Electric current	DC + 5 V max. 450 mA

*1 : Resolution obtained by using a dedicated driver software.

*2 : When the panel is attached to plasma display produced by Matsushita Electric Industrial Co., Ltd.
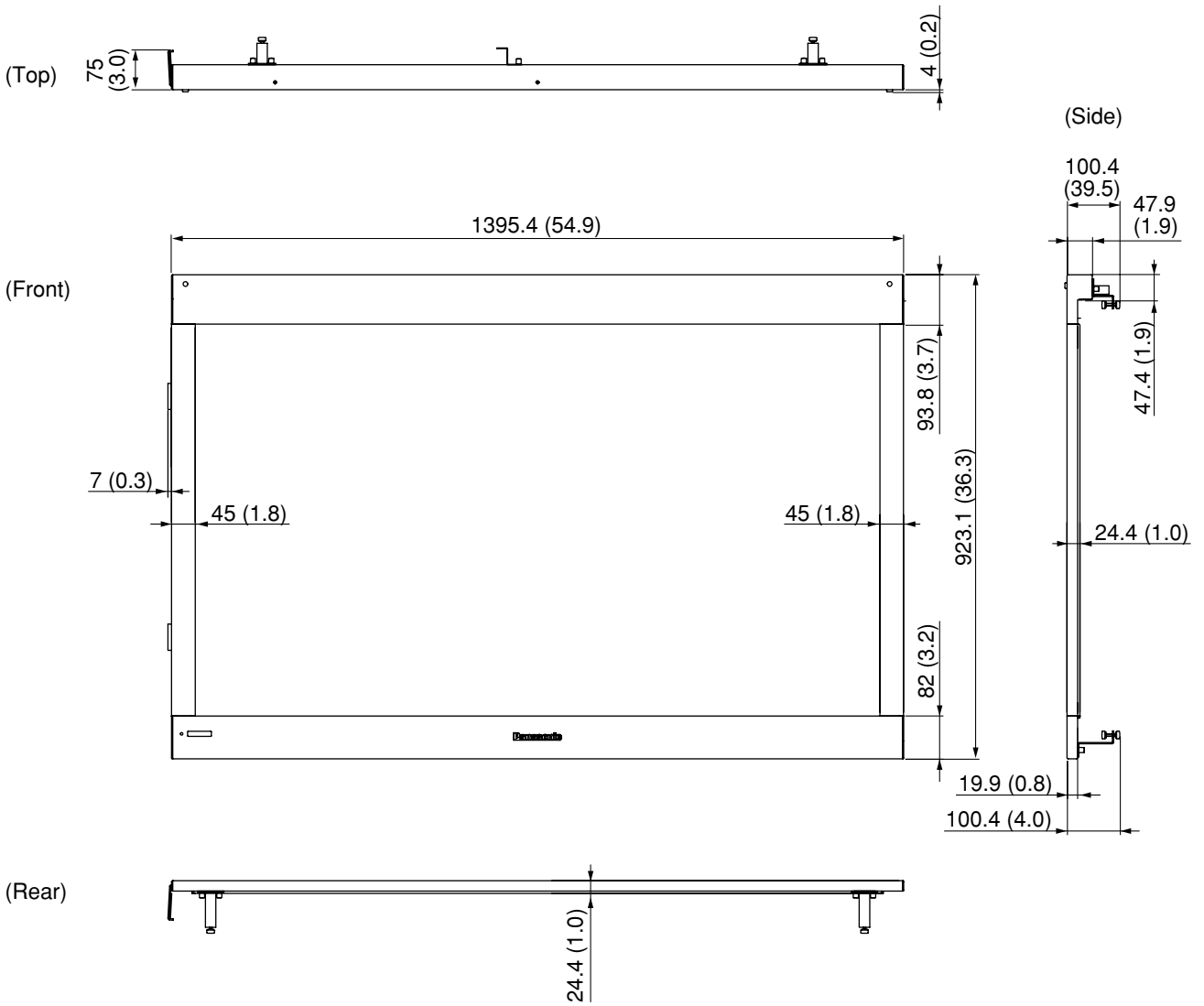
Accessories   • USB Cable   • CD-ROM   • Operating instructions   •Ferrit core   •Tuch pen   • Mounting bracket (A) (B)
            • Mounting bracket (B)   • Vertical mounting bracket   • USB cable anchor   • Mounting screws (A) (B)
            • Tuch pen   • Velcro strip   • Ruber feet
            • USB driver touch panel setting program (apricable OS : Microsoft, Windows 2000, Windows XP,
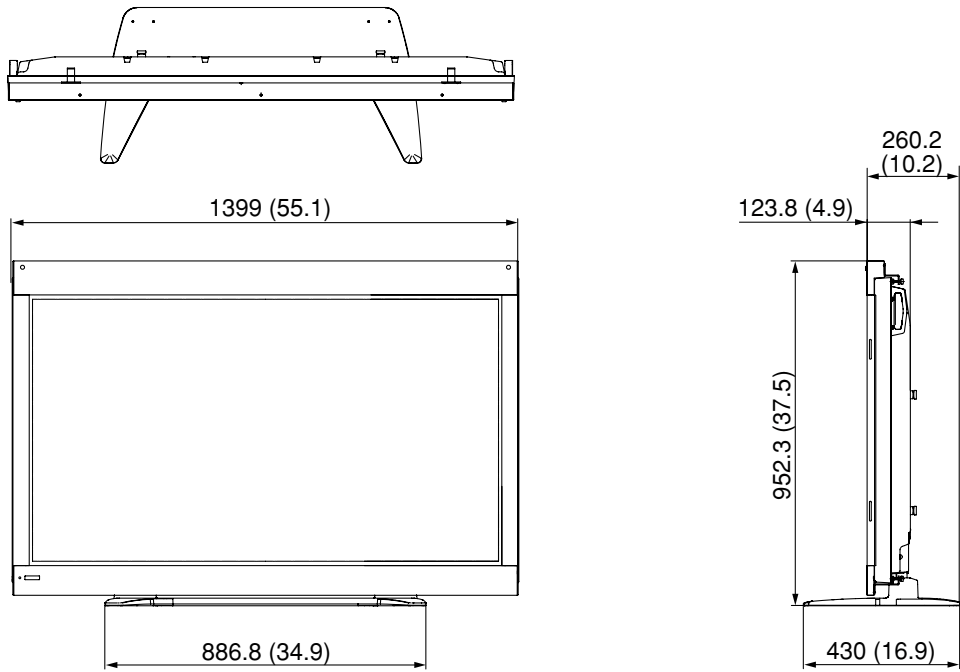   Windows Vista (32 bit))

■Dimensions

Cautions : This drawing is not a scale.   Unit : mm (inches)
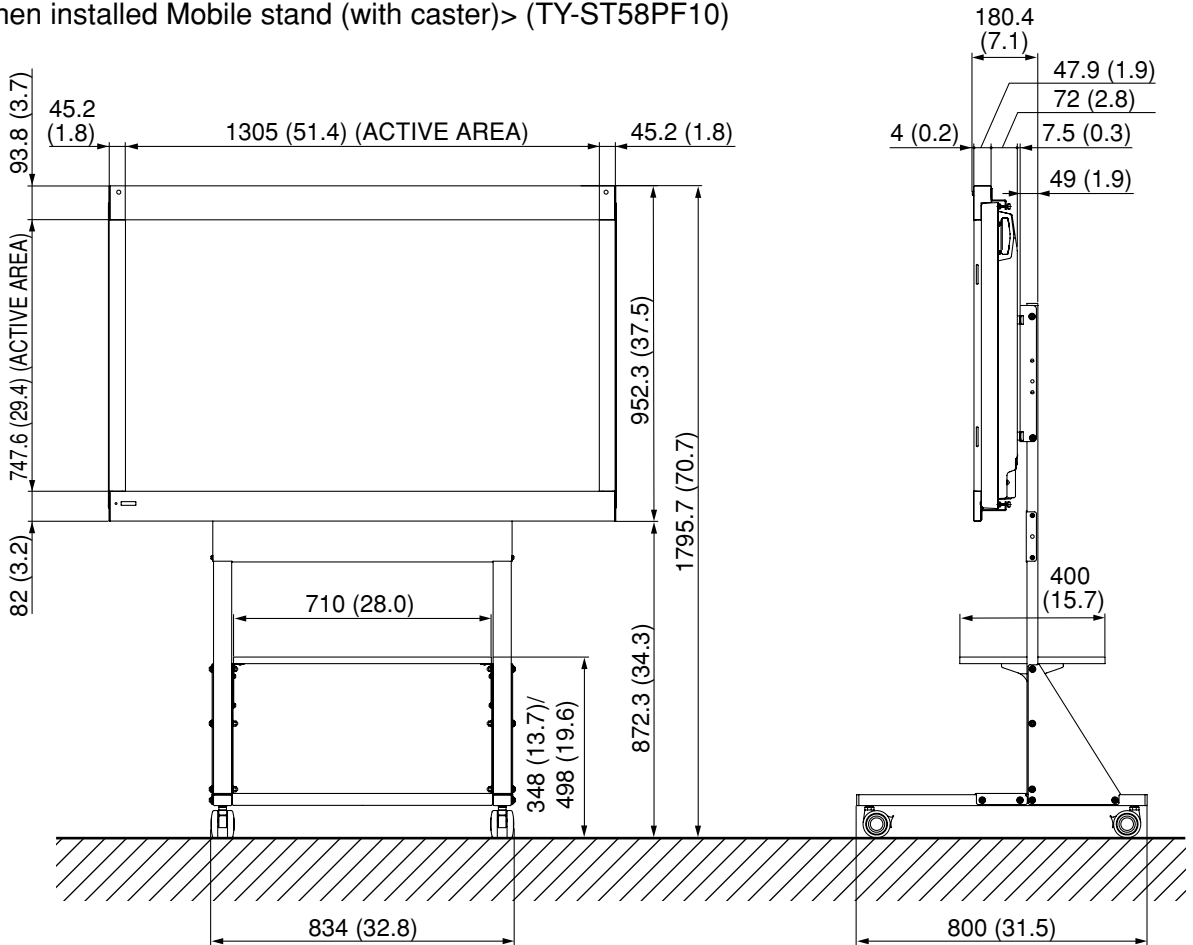
(Top)

75 (3.0)

4 (0.2)

(Side)

100.4 (39.5)

47.9 (1.9)

(Front)

1395.4 (54.9)

93.8 (3.7)

47.4 (1.9)

7 (0.3)

45 (1.8)

45 (1.8)

923.1 (36.3)

24.4 (1.0)

82 (3.2)

19.9 (0.8)

100.4 (4.0)

Panasonic

(Rear)

24.4 (1.0)

<When installed pedestal> (TY-ST58-K)

260.2
(10.2)

1399 (55.1)

123.8 (4.9)

952.3 (37.5)

886.8 (34.9)

430 (16.9)

<When installed Mobile stand (with caster)> (TY-ST58PF10)

180.4
(7.1)

47.9 (1.9)
72 (2.8)

93.8 (3.7)

45.2
(1.8)

1305 (51.4) (ACTIVE AREA)

45.2 (1.8)

4 (0.2)

7.5 (0.3)

49 (1.9)

747.6 (29.4) (ACTIVE AREA)

952.3 (37.5)

1795.7 (70.7)

82 (3.2)

710 (28.0)

400
(15.7)

348 (13.7)/
498 (19.6)

872.3 (34.3)

834 (32.8)

800 (31.5)

* Do not use with Anti glare filter. (TY-AR58P10W)