



[Touchworld]

let everthing simple by touch

Life is made easier through the Touch automation.

Touch screen can be found everywhere from hospitals, retail stores to factories and fast food restaurants. Birch proudly releases a series of Touch screen systems which designed for the best viewing from any of its adjustable positions.

Easily to use and user's friendly is the trend of the PC market. Inputs by TOUCH will be the market future. Based on our expertise in the touch controller field & touch LCD panels, BIRCH now introduces the new small foot print design TM-2200 LCD panel with TOUCH, built in quality touch panel and powerful controller at the very competitive prices. It makes the inputs easily than ever.



15.1" TFT TOUCH LCD panel with 162M color

- ◆ Rigid base stand; most suitable for POS purpose with high frequent touch operating.
- ◆ Small foot print design; good to save the precious front desk for your point of service and cashier application.
- ◆ Wall mounting option, supports VESA standard 75 x 75.
- ◆ Unique "i-touch" function, which can move the screen to optimal position.
- ◆ Design in with Magnetic Card Reader mechanism, easily to install for MSR card reader at user's side. (BIRCH MSR card reader for TM-2200 fully supports USB downloading.

Technical Specifications

Model	TM-2200	
Panel	Viewing Area	15.1"
	Resolution	1024 x 768 (XGA)
	Color	162M
	Viewing Angle	Horizontal: 140 degree Vertical: 160 degree
	Reponses Time	5/11ms (Tr + Tf)
	Contrast Ratio	500 : 1
Video Input	Brightness	250 cd/m ² (195 cd/m ² with touch)
	VGA Signal	R/G/B Analog VGA D-sub 15 Pins
Control	Scan Frequencies	Horizontal: 31.5 ~ 60 KHz Vertical: 56 ~75 Hz
	Power	ON/OFF with LED Indicator
Power Adapter	OSD	OSD Control with "i-touch" auto scaling
	Input	AC Input 100 – 240V, 50/60 Hz
Power	Output	DC +12V
	Management	VESA DPMS Standard
Environ ment	Consumption	27W/ Stand by 3W
	Temperature	0°C - 40°C
Safety & EMI	Humidity	10% - 85% (20% - 85% for MSR)
	FCC-B, ETL, ETLIC, CE, CCC	
Touch	Resistive touch	5 wire, USB or RS232 interface
Options	Glass	Anti-Reflection Strengthen Glass
	Card Reader	Triple Track MSR Card reader, USB
	Color	Black or Beige



Ordering Information:

TM-2200BU: 15.1" TFT LCD panel with T2 touch, USB, Black

TM-2200WU: 15.1" TFT LCD panel with T2 touch, USB, White



MSR card reader

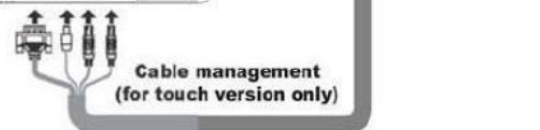
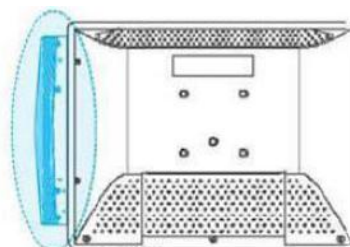
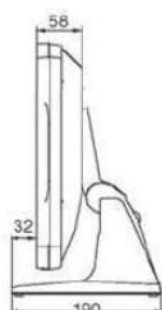
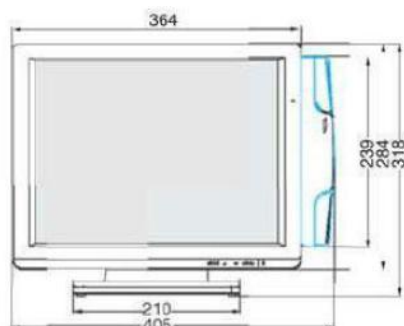


VESA Wall Mounting
VESA Standard 75 x 75mm with
Mourting Plate Specification



**Stand Base with Tilt
90 degree Adjustment**

Physical Dimensions



■ Card Reader Version

Contact us for details



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Specifications are subject to change without prior notice