

# HB-190

## 19" High brightness open frame LCD monitor Features

- Flexible, low cost and high brightness
- For semi-outdoor kiosk, vending machine, signage application
- 19" SXGA TFT LCD with LED backlight
- High brightness enhancement
- VESA mount (75x75, 100x100mm)
- Option with anti-reflective treatment



### Specifications

LCD panel	Size	19" (5:4)
	Backlight	LED
	Panel type	TN
	Pixel pitch	0.294x0.294 mm
	Active area	376.32x301.06 mm
	Brightness *	1000 cd/m2 *
	Contrast	800 : 1
	Viewing angle	170 / 160 degree
	Resolution	1280 x 1024
	Display color	16.7M (6 bit+HiFRC)
Video	Response time	Tr/Tf=3.6/1.4 mS
	Hor. frequency	30 ~ 80 KHz
	Ver. frequency	60/70/75 Hz
	Pixel rate	135 MHz

Signal input	VGA, DVI-I	
OSD adjustment	Power, Enter, Left, Right, Auto	
Power	DC connector	2.5mm diameter
	DC input	12 Vdc / 3A
	Consumption	36W
	Management	VESA DPMS
Mounting	75x75, 100x100mm VESA mount	
Dimension	404.5 (W) x 327 (H) x 50 (D) mm	
Net weight	4.7 kg	
Package	Packing	3 pcs / carton
	Carton size	488x295x485mm
	Container loading	
Temperature	Operation	-20 ~ 60 degree C
	Storage	-30 ~ 80 degree C

\* Higher brightness is on demand.

### Ordering information

#### Model selection

HB-190-XYZ	X: Panel selection	Y: Input selection	Z: Touch selection
	0: Standard, chosen	0: Standard, VGA/DVI	0: Standard, none
	A: Specified LCD	V: VGA only	G: Glass
	B: Specified LCD	H: VGA/DVI/HDMI	R: Resistive
	...etc. Specified LCD	P: DVI/HDMI/DP	C: Surface capacitive
		S: VGA/DVI/S-video	P: Projective capacitive
			I: IR
			S: SAW

#### Optional accessories

- \* Power adapter 100 ~ 240 Vac adapter with 12Vdc / 5A o/p
- \* Power cord 1.8M power cord, US / EU
- \* Signal cable 1.8M VGA cable, 1.8M DVI cable

### Product drawing

