



Model Name	VT-190XAx1	VT-190DAX1	VT-190VAN1	VT-190RAN1	VT-190NAN1
<b>Description</b>					
<b>Product Type</b>	Plastic LCD monitor				
<b>Chassis Type</b>	Plastic chassis ( ABS ) with 75 x 75 mm VESA mount				
<b>Enhanced Chassis</b>	N/A				
<b>Glass / Touch Panel</b>	Optional: 5wire resistive touch module (USB / RS232 interface)		N/A		
<b>LCD Panel Spec</b>	19" LED backlight				
<b>Panel Resolution</b>	1280 x 1024 pixels				
<b>Active Screen Area</b>	376.32 x 301.06 mm				
<b>Color Depth</b>	16.7M colors (RGB 6-bits + Hi-FRC data)				
<b>Brightness / Contrast</b>	350 nits / 1000 :1				
<b>Viewing Angle (Typ.)</b>	170°(H) / 160°(V)				
<b>Support Resolution</b>	640 x 480				

	800 x 600				
	1024x768				
	1280 x 1024				
<b>I/O Port</b>	D-Sub ( VGA ) DP 1.2  HDMI 1.4a  Audio in (3.5mm Phone Jack) USB 2.0 Type B (Touch)(Optional) RS232 (Touch)(Optional) DC Jack ( $\phi = 2.0\text{mm}$ )	D-Sub ( VGA ) DVI  Audio in (3.5mm Phone Jack) USB 2.0 Type B (Touch)(Optional) RS232 (Touch)(Optional) DC Jack ( $\phi = 2.0\text{mm}$ )	D-Sub ( VGA ) Audio in (3.5mm Phone Jack)  DC Jack ( $\phi = 2.0\text{mm}$ )	D-Sub ( VGA ) HDMI 1.3a  CVBS  S-Video  Audio in (3.5mm Phone Jack) DC Jack ( $\phi = 2.0\text{mm}$ )	D-Sub ( VGA ) HDMI 1.3a  BNC in  BNC out  Audio in (3.5mm Phone Jack) DC Jack ( $\phi = 2.0\text{mm}$ )
<b>Audio</b>	Optional: 1W ( 8 $\Omega$ ) speaker x 1				
<b>Power</b>	External power adapter, AC IN: 100 ~ 240V ; DC OUT: 12V / 5A				
<b>Power Consumption</b>	Max. 23.2W				
<b>Accessory (Optional)</b>	VGA cable DP cable HDMI cable USB cable RS232 cable Audio cable	VGA cable DVI cable USB cable RS232 cable Audio cable Adapter	VGA cable Audio cable Adapter Power cable, CD	VGA cable HDMI cable CVBS cable S-Video cable Audio cable Adapter	VGA cable HDMI cable BNC cable Audio cable Adapter Power cable, CD

	Adapter Power cable, CD	Power cable, CD		Power cable, CD	
<b>Dimension</b>	Main body :421.4(W) 400.6(H) 180(D) mm				
	Packing : 480(W) 500(H) 230(D) mm				
<b>Net Weight</b> (Reference)	5.5 kg / 4.4 kg (w/o Touch)				
<b>Gross Weight</b> (Reference)	7.5 kg / 6.4 kg (w/o Touch)				
<b>Temperature Range</b>	Operating : 5 ~ 40°C / Storage : -10 ~ 60°C				
<b>Humidity Range</b>	Operating : 20 ~ 80% / Storage : 10 ~ 90%				
<b>EMC / Safety</b>	IEC62368 / CE / FCC, RoHS / REACH				

