

2007/08

Interactive Display SolutionsLarge Format Touchscreens
32" 40" 46" 57"**Mentor Distribution** ☎ 0146 281 4000www.mentor-distribution.com

Specialist touch screen solutions designed specifically for interactive public display, hospitality and wayfinding applications.

ViP touch

- Touch sensor fully integrated behind standard NEC bezel
- The 40" & 46" products feature ultra slim bezels of just 15.5mm & 16.5mm respectively
- Vandal resistant glass, resistant to scratching and gouging
- Can be operated both directly with the finger or through gloves
- Stable, drift free operation
- 3 years supplier warranty

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Large LCD touchscreens

| Model | VCSU3210 | VCSU4020 | VCSU4620 | VCSU5710 |
|----------------------------------|---|--|--|---|
| Size | 31.5" (80.0cm) | 40.0" (101.6cm) | 46.0" (117cm) | 57.0" (145cm) |
| Type | S-IPS TFT | S-PVA TFT | S-PVA TFT | S-PVA TFT |
| Viewing Area [mm] | 700.7 x 395.5 | 885.2 x 497.6 | 1018.4 x 572.5 | 1252.8 x 704.7 |
| Brightness [cd/m2] | 500 | 500 | 500 | 450 |
| Aspect Ratio | 16:9 | 16:9 | 16:9 | 16:9 |
| Contrast Ratio | 600:1 | 1200:1 | 1200:1 | 900:1 |
| Viewing Angle | 178° Horizontal/ 178° Vertical | 178° Horizontal/ 178° Vertical | 178° Horizontal/ 178° Vertical | 178° Horizontal/ 178° Vertical |
| Horizontal Frequency [kHz] | 31.5 - 91.1 (Analog & Digital) | 31.5 - 91.1 (Analog & Digital) | 31.5 - 91.1 (Analog & Digital) | 31.5 - 91.1 (Analog & Digital) |
| Vertical Frequency [Hz] | 58.0 - 85.0 | 50.0 - 85.0 | 50.0 - 85.0 | 58.0 - 85.0 |
| Maximum Resolution | 1600 x 1200 @ 60Hz | 1600 x 1200 @ 60Hz | 1600 x 1200 @ 60Hz | 1920 x 1080 @ 60Hz |
| Optimum Resolution | 1360 x 768 @ 60Hz | 1360 x 768 @ 60Hz | 1360 x 768 @ 60Hz | 1920 x 1080 @ 60Hz |
| Signal Inputs | PC: 15 pin D-type, DVI-D & 5 BNC Video: RCA, S-video & 1 BNC Audio: RCA Control: RS232 | PC: 15pin D type, DVI-D (with HDCP), 5 x BNC & HDMI Video: RCA, S-video & 1 BNC Audio: RCA Control: RS232 | PC: 15pin D type, DVI-D (with HDCP), 5 x BNC & HDMI Video: RCA, S-video & 1 BNC Audio: RCA Control: RS232 | PC: 15 pin D-type, DVI-D & 5 BNC Video: RCA, S-video & 1 BNC Audio: RCA Control: RS232 |
| Power Requirements [AC] | 100 - 120V 220 - 240V | 100 - 120V 220 - 240V | 100 - 120V 220 - 240V | 100 - 120V 220 - 240V |
| Power Consumption [w] | 110 | 230 | 260 | 350 |
| Temperature (operating) [°C] | +5 to 40 | +5 to 40 | +5 to 40 | +5 to 40 |
| Ambient Humidity (operating) [%] | 20 to 80 (Non-condensing) | 20 to 80 (Non-condensing) | 20 to 80 (Non-condensing) | 20 to 80 (Non-condensing) |
| Weight [Kg] | 19.2 (ex. stand) 20.4 (inc. stand) | 36.4 (ex. stand) 38.1 (inc. stand) | 45.1 (ex. stand) 46.9 (inc. stand) | 73.0 (ex. stand) 77.0 (inc. stand) |
| Dimensions [mm] (W x H x D) | 789 x 510 x 200 (inc. stand); 789 x 479 x 150 (ex. stand) | 919.7 x 566.7 x 330 (inc. stand); 919.7 x 532.2 x 140 (ex. stand) | 1055.4 x 643.1 x 351 (inc. stand); 1055.4 x 608.6 x 140 (ex. stand) | 1357.8 x 825.1 x 492 (inc. stand); 1357.8 x 792.8 x 164 (ex. stand) |
| Bezel [mm] | 45.2 l/r; 43.0 t/b | 15.5 | 16.5 | 51.0 l/r; 42.6 t/b |
| Touch Sensor | Projective Capacitance, 4mm thick toughened glass | Projective Capacitance, 6mm thick toughened glass | Projective Capacitance, 6mm thick toughened glass | Projective Capacitance, 6mm thick toughened glass |
| Touch Controller | Serial (supplied with Serial to USB adaptor) | Serial (supplied with Serial to USB adaptor) | Serial (supplied with Serial to USB adaptor) | Serial (supplied with Serial to USB adaptor) |
| Approval | CE | CE | CE | CE |
| Warranty [years] | 3 RTB | 3 RTB | 3 RTB | 3 RTB |
| Options | Speakers | Speakers | Speakers | Speakers |



Systems House
Unit 23 Henlow Camp Trading Estate
Hitchin Road
Henlow
Bedfordshire
SG16 6DS

T: 01462 814000
F: 01462 814333
E: sales@mentor-distribution.com
www.mentor-distribution.com