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Pulso Display Touchscreens/ Integrated Touch-Displays

The Pulso integrated Touch-Displays have an installed high sensitive optical touch unit. The display can be connected by VGA or DVI with the PC, plug-in the USB cable and you have an interactive display. Optional are the displays also available with built-in industrial PC.

The touchscreens are available in 26", 32", 40", 46" and 52" - LARGER SIZES ARE AVAILABLE ON REQUEST.

Facts:

- TFT-Active Matrix Display
- Resolution 1,366 x 768 (WXGA)
- Life Time 50,000h average
- Aspect ratio 16 : 9
- Response time 8ms
- Contrast ratio 1,000 : 1
- Brightness 500cd/m²
- Can be mounted Horizontally for the inclusion into a table

Touch-Displays are the perfect solution for almost all areas. Below you find some examples of possible application:

- Tradeshows and exhibitions
- Digital Signage
- Interactive advertising space
- Presentation surfaces in conference rooms
- Info-Terminals e.g. for bus/train or museums
- Check-In Service
- Online-inspections of real estate
- Orientation system
- Training rooms

Display Panel	32"	40"	46"
Technology	TFT-Active Matrix		
Display Resolution	1,366 x 768 (WXGA)		
Life Time	50,000h average		
Visual Characteristics			
Colors	16.7M(8bits-true)		
Aspect ratio	16 : 9		
Viewing angle (CR>20)	89 / 89 / 89 / 89 (L / R / H / Z)		
Response time	8ms		
Contrast ratio	1,000 : 1		
Brightness	500cd/•		
Connectivity and Control			
Inputs	Analog RGB1(D-Sub 15Pin)		
Optional inputs	DVI-D, Analog RGB2 (D-Sub 15Pin)		
Supported resolutions	Analog RGB1 : VGA(640 x 480) ~ WUXGA(1920 x 1200, 60?) Analog RGB2 : VGA(640 x 480) ~ UXGA(1600 x 1200, 60?) DVI-D : VGA(640 x 480) ~ UXGA(1600 x 1200, 60?)		
Control	RS232 Control (with loop-through) / OSD / IR		

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Display Panel (cont'd)	32"	40"	46"
Power requirement			
Input	100V ~ 240V (50? ~ 60?)		
Power consumption	280W	280W	320W
Environmental			
Operating Temperature	0 ~ 40+ (< 50% RH)		
Relative Humidity	20 ~ 80RH (T < 40+)		
Approval			
Regulation	CE, UL, FCC		
Mechanical characteristics			
Cooling	Low noise level 21?(A) / fanless cooling		
Active screen diagonal	32"	40"	46"
Dimensions (WxHxD)	798mm x 513.4mm x 144.2mm	985mm x 617.2mm x 144.7mm	1,120mm x 693mm x 142.7mm
Weight	14kg	25kg	30kg

Integrated Touch	
Optical Touch	
Glass	4mm to 6mm tempered glass
Luminous transmission	> 92%
Touch technology	Optical imaging - no special surface coatings
Touch Method	Finger, gloved hand, or any other pointer
Touch activation force	No pressure required
Touch accuracy	±2mm (for 40" screen) over 90% of the screen
Touch durability	Unlimited
Touch response time	Less than 50ms
Interface	USB : 1.1(Full speed), HID compliant, plug and play compatible

Integrated PC (optional)	
CPU Board	
Processor	Intel Dual Core E2140
System Memory	2GByte
Disk Storage	
Hard Disk Drive (HDD)	80GByte Base
Optical Disk Drive (ODD)	DVD Multi (CD-Rewrite, DVD-Write)
Graphic Display Capabilities	
Graphics	Geforce-8400GS/LP
Resolution	Up to 1,920 x 1,080 (WUXGA)
Color Depth	16, 32bits per Pixel
Output	DVI, D-Sub
Network Interface	
Ethernet	10 / 100 Mbit
Electrical Requirements	
Input Voltage	220V AC, 60?
Power Consumption	250W
Software Support	
OS	Microsoft Windows XP Professional
Option	
Keyboard	Wireless Keyboard
Card-Reader	4-in-1 Card Reader (USB Type)
TV CARD	Analog /Digital TV CARD (PCI Type)
LAN	WIRELESS LAN (PCI / USB Type)