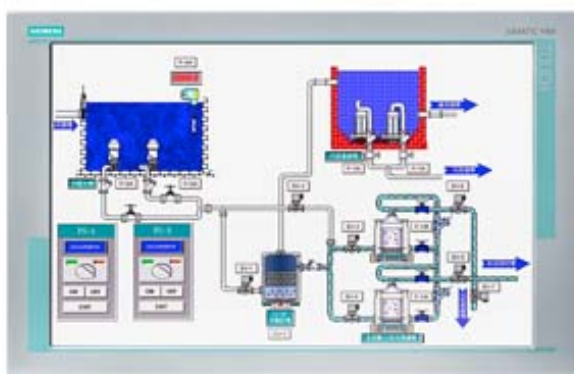


SIMATIC HMI SCD1900 INDUSTRIAL OPERATING UNIT 19 INCH
WIDE TOUCH SCREEN WITH 1440X900 PIXEL RESOLUTION
FOR 24V DC VGA, DVI-D INTERFACE INCL. DVI-CABLE 1.8M



General information

Product type designation	SCD 1900
Short designation	Flat Panel 19" touch

Display

Design of display	TFT widescreen display, LED backlighting
Screen diagonal	19 in
visible area (HxV) in mm	255 x 408
Viewing angle	160° x 170°
On Screen Display (OSD) configuration	Yes
Number of colors	16 777 216; 16.7 million
Number of colors (bit levels)	24 bit

Resolution (pixels)	
• Resolution (WxH in pixel)	1440 x 900
• Horizontal image resolution	1 440 Pixel
• Vertical image resolution	900 Pixel

General features	
• Brightness/contrast	300 cd/m ² / 1000:1

Backlighting	
--------------	--

- MTBF backlighting (up to 50%, at 25 °C)

50 000 h; At 25°C

Installation type/mounting

Rack mounting possible	Yes
Built-in unit	Yes
VESA mounting	No

Supply voltage

Type of supply voltage	DC
permissible range, lower limit (DC)	21.6 V
permissible range, upper limit (DC)	26.4 V

Interfaces

Video interfaces	
• analog video signal (VGA)	Yes
Touch interfaces	
• USB	Yes

Degree and class of protection

IP65 at front	Yes
IP20 rear	Yes

Standards, approvals, certificates

CE mark	Yes; Industry
CSA approval	No
UL approval	Yes
cULus	Yes

Ambient conditions

Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Shock testing	
• Shock load during operation	10 gn
• Shock load during transport/storage	10 gn

Mechanics/material

Enclosure material (front)	
• Aluminum	Yes

Weights

Weight without packaging	6 kg
--------------------------	------

last modified: 10/25/2016