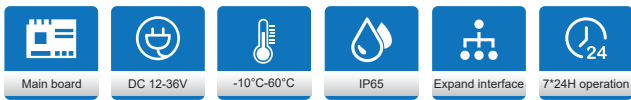# EIM190-SCP

The overall structure is made of 3mm ultra-thin aluminum alloy frame, fanless and totally enclosed design, equipped with self-developed industrial display drive board, low power consumption, and widely used in industrial control, military industry, communication, power, network, intelligent self-service terminal equipment and other automation applications.
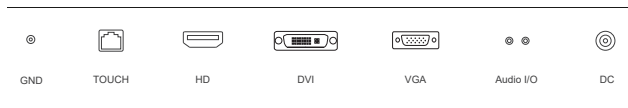
Features

- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- Pure flat panel IP65 dust-proof and waterproof.
- High precision aluminum alloy material.
- Self-developed display drive board with multiple touch modes
- Industrial protection, Applicable to various harsh environments.
- Support VGA, HDMI, DVI, Automatic identification signal channel

Main board	DC 12-36V	-10°C-60°C	IP65	Expand interface	7*24H operation

ISO FC CE CCC RoHS ⑩ ☒

Product Model

Product Size	19"
Non-touch	EIM190-SNT
Capacitive touch	EIM190-SCP
Resistive touch	EIM190-SRS

Product Size

Physical Characteristics

Overall dimensions	W451x H380x D63mm
Size of opening	W434.6x H363.6mm

Interface Parameters

Grounding column	Support (1*GND)
Power interface	1*DC2.1, Support 12V-36V wide voltage power supply
HDMI	1*HDMI, Support HDMI data input, With a maximum of 1080P
Touch interface	1*TOUCH（RJ45）
VGA	1*VGA, Analog signal transmission
DVI	1*DVI, Digital signal transmission
Audio interface	1*Audio I/O, Support audio input and output

Product Interface

GND	TOUCH	HD	DVI	VGA	Audio I/O	DC

Product Reliability Parameters

Working temperature	-10°C~60°C
Storage temperature	-20°C~70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Product Specifications

Screen Parameters

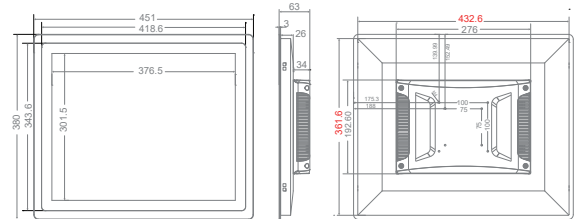| LCD size	19" TFT LCD
Resolution	1280*1024
Viewing angle	85/85/80/80 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m²
Contrast ratio	1000:1

Touch Parameters

Touch type	10-point touch projection Capacitive touch screen	Single-point Resistance touch screen	Non-touch
Transmittance	≥88%	≥78%	≥92%
Input mode	Handwriting or Capacitance pen	Fingertip or stylus	/
Controller communication	USB	USB	/

Power Parameters

Power input	DC 12V~36V
Static power	18W

Hardware Configuration

CPU	RTD2513
Key function	AUTO/MENU/POWER/LEFT/RIGHT

System language	Multilingual (default: English)
Video input	PC-RGB:Format Up to 1920*1080@60HZ Color 16bit/24bit/32bit