Vision x - Remote Monitors Series

General Description

TTControl Vision x remote monitors are designed for use with the Vision 3 master or Fusion high-performance computing platform. These remote monitors enable advanced human-machine interfaces and support demanding machine applications.

The Vision x Series features off-highway grade, optically bonded PCAP touchscreen display assemblies connected via display link (FPD III) interface. They include additional features such as a status LED and an ambient light sensor. Designed for harsh environments, these monitors offer high brightness for readability in any light conditions, including direct sunlight. The fine touch calibration tuning supports any type of glove touch. The compact and versatile housing design ensures high flexibility for various machine installations.

Features

- PCAP touch display in different sizes: 8.0", 10.1", 12.1"
- High brightness and contrast ratio
- Ambient light sensor
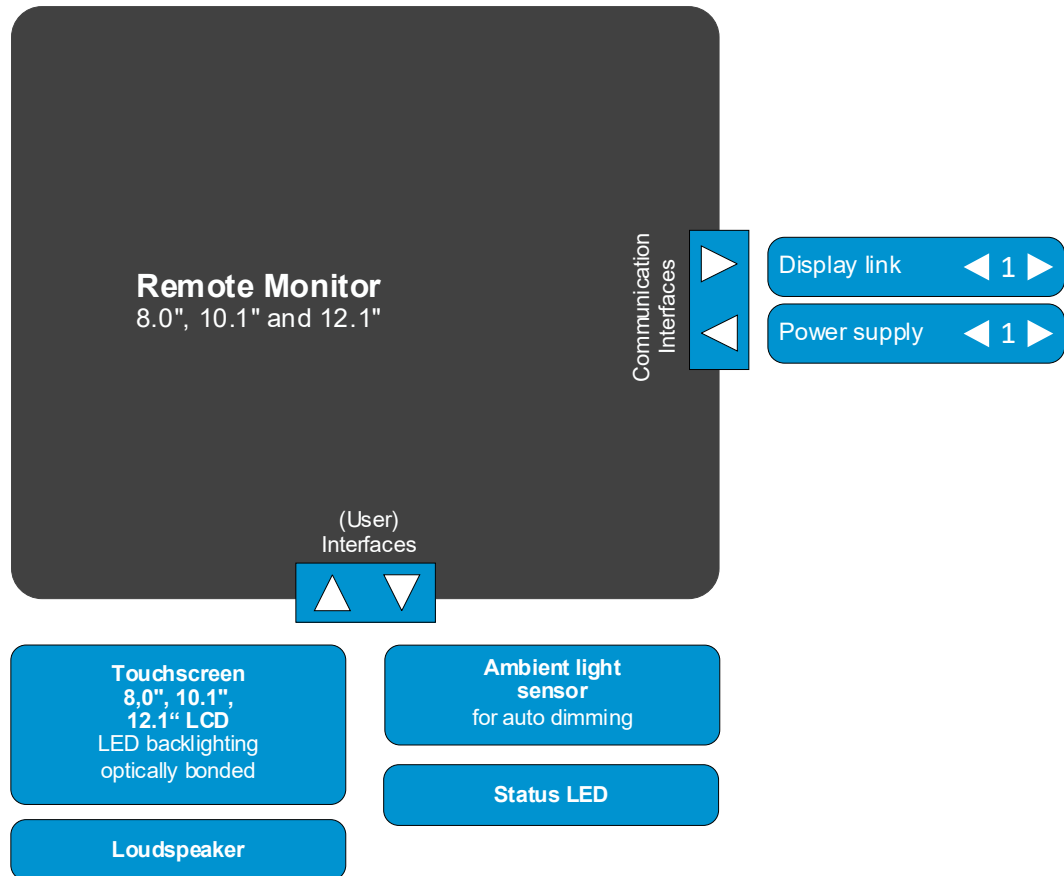- Loudspeaker
- RGB Status LED

Interfaces

- 1x Display Link (FPD III)
- 1x Power Supply

Specifications

Families	Vision x108	Vision x110	Vision x112
Display	8.0" 800x480 IPS	10.1" 1280x720 IPS	12.1" 1280x800 IPS
Display brightness	800 cd/m²	800 cd/m²	800 cd/m²
Contrast	800:1	800:1	800:1
Touch screen	PCAP	PCAP	PCAP
Optical bonding	Yes	Yes	Yes
Viewing angle	>70° per direction	>70° per direction	>70° per direction
Color depth	16.7Mio	16.7Mio	16.7Mio
Ambient light sensor	Yes	Yes	Yes
Status LED	1x RGB	1x RGB	1x RGB
Speaker	Yes - 90 dB @ 0.8 m	Yes - 90 dB @ 0.8 m	Yes - 90 dB @ 0.8 m
Size	227 x 144 x 39.8 mm	275 x 173 x 39.8 mm	321 x 206 x 40 mm
Weight	1 kg	1.1 kg	1,3 kg
Arm mount	VESA - 75x75 M6 (4PLCS)	VESA - 75x75 M6 (4PLCS)	VESA - 75x75 M6 (4PLCS)
Operating Temperature range	-30°C to +75°C	-30°C to +75°C	-30°C to +75°C
Power supply	9-32V	9-32V	9-32V
Connector interface	display link (FPD III) power supply	display link (FPD III) power supply	display link (FPD III) power supply
IP rating	IP 65	IP 65	IP 65

Block Diagram

Remote Monitor
8.0", 10.1" and 12.1"

Communication Interfaces

Display link ◀ 1 ▶

Power supply ◀ 1 ▶

(User) Interfaces

Touchscreen
8,0", 10.1",
12.1" LCD
LED backlighting
optically bonded

Ambient light sensor
for auto dimming

Status LED

Loudspeaker

For further information, including price and availability, please contact products@ttcontrol.com