



Pictures show sample configurations, real product may vary.



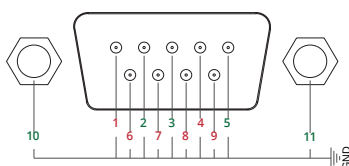
DISPLAY

Display Size [inch]	15.6
Aspect Ratio	16 : 9
Resolution	1920 × 1080
Active Area [mm]	344.16 × 193.59
Brightness [cd/m²]	500
Contrast Ratio	800 : 1
LED life time [h]	15000
Viewing Angle [°]	170 / 170
Display Interface	eDP

PC/MONITOR SYSTEM (INTERNAL)

Processor	Amlogic S905D3
Chipset	Quad-Core Cortex A-53
Standard Operating System	Android 9
OS Available on Request (additional fee)	Linux Ubuntu 22.4, Debian 12 *
RAM Size	2 GB LPDDR4
EMMC Size	64 GB eMMC 5.1
GPU	Mali G31 MP2
NPU	1.2Tops
Loudspeaker	2× 2W
Wifi + BT	RTL8821 + Bluetooth 4.0
SD Card Slot	1
USB 3.0	1
USB 2.0	1
USB OTG	1
Ethernet Network (10/100/1000 Mbit/s)	1
Serial Port RS232 (RX / TX only)	1

SERIAL (RS232) PIN DEFINITION



2	RXD1
3	TXD1
5	GND
10	GND
11	GND

TOUCH PANEL

Touch Type	Projected Capacitive 10-point Multi-touch
Printing Type	Organic
Glass Thickness [mm]	1.1
Cover Glass Surface Treatment	AG
IK Protection	IK07
Printing Color	RAL9004 (Black)
Strengthening	Thermally Strengthened
Touch Controller	EXC81W84
Touch Interface	USB
Touch Resolution RX	53
Touch Resolution TX	30
Optical Bonding	Clear Bond®

ENVIRONMENTAL CONDITIONS

Operation Temperature	-10°C to 60°C
Storage Temperature	-20°C to 60°C
Humidity Range	10% to 90%

CERTIFICATIONS

CE Certificate	Yes
FCC Certificate	Yes

CHASSIS

Case Design	Glass + Aluminum
IP Protection	IP65 Front / IP40 Back
Case Color	RAL9004 (Black)
Case Coating	Powder Coating
Case Material	Aluminum
Case size L × W × H [mm]	350.0 × 300.0 × 1196.9
Mounting	Stable base

ACCESSORIES

Power Adapter	100-240V ACDC active switching; 12V DC-Out
Short Instruction manual	Yes

POWER

Power Indicator	Green LED
Working Power	12V
Power Consumption	25W
Stand-By Consumption [Android / Ubuntu]	<1W / <3W

INTENDED USE/APPLICATION

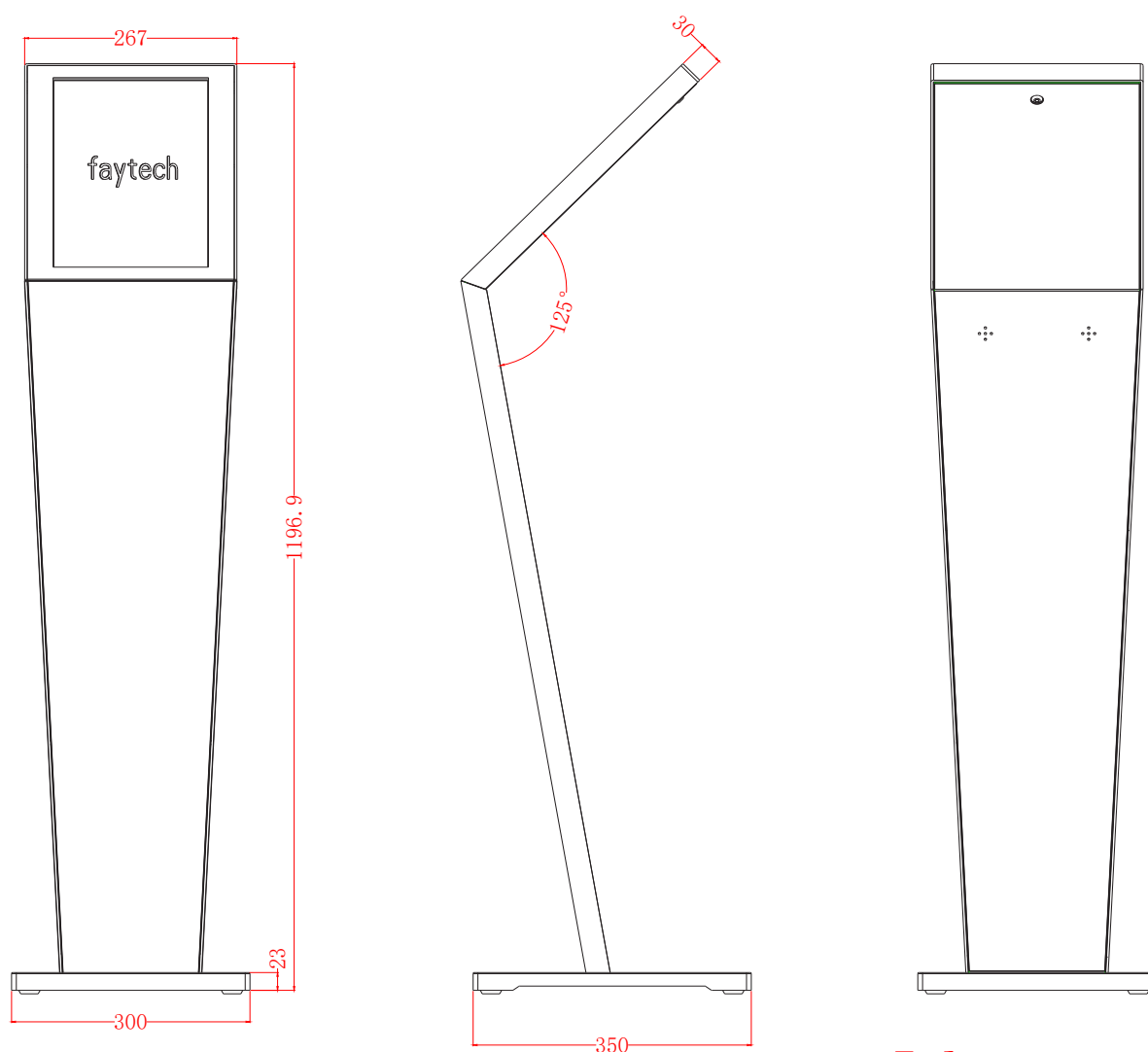
The device is to be used as touchscreen display for indoor use as information display, digital signage, way-finding, POS and similar applications.

Direct sunlight might increase the device temperature beyond the allowed storage and operation conditions. Therefore the devices must be protected against direct sunlight. Devices operated or stored outside the specified temperature ranges are not covered by warranty.

WEIGHT & PACKAGING

Net Weight	30.0 kg
Gross Weight	65.0 kg (incl. Cartonage)
Packaging Material	Eco-friendly wooden crate and polyethylene (PE)
Packaging Size L × W × H [mm]	533.4 × 533.4 × 1397.0

DIMENSIONS



Tolerance: $\pm 2\text{mm}$

UPDATE NOTES:

Version:	Changes:
v1	First version