



Overview

Experience the stunning leading-edge visual performance with the PCAP Plus series of multi-touch screens with inbuilt HDi OS Android.

The PCAP Plus incorporates capacitive touch technology with a unique 'micro air gap' feature for a seamless experience.

The screen offers up to 60 points of touch.

Complete with HDi OS Android, the system is completely plug and play, with no drivers necessary for interaction. All HDi screens work with Windows, OSX and Linux operating systems. The screens 4K resolution, LED high brightness backlight and wide screen format provides an ideal medium for presentation, interaction and collaboration.

There are ample I/O ports that would suit any audio-visual environment, making the HDi Edge a must-have companion for education, government and the corporate sector. HDi PCAP Plus multi touch screens come ready for easy wall or trolley installation.

Features

- Powered by HDi OS™ (Built on Android™ 6.0)
- Multi-touch — 60 touch points
- Contemporary slimline profile
- Pre-installed interactive apps
- 4K resolution (3840 x 2160px)
- Integrated OPS PC Slot (PC units sold separately)
- Qwizdom OKTOPUS™ licenses (2x User & 5x Collaboration)
- Qwizdom OKTOPUS™ online lesson access (12 months)
- DisplayNote™ - presenter to 5 participant license
- HDi Sketch™ annotation app.
- Mobile and electric height-adjustable options available
- Ships with wall-mount bracket
- 5 Year on-site warranty



Technical specifications

Resolution	Up to 3840 x 2160 (4K/2K) @ 60Hz
Display Features	LED backlight
Screen dimension	55" (139cm)
Set dimension	1301.5mm(L) x 772.5mm(H) x 68.5mm(W) Not including base
Temperature / Humidity	0°C ~ 40° / ≤80%
Net weight	44+-2KGS
Aspect Ratio	16:9
Brightness	350cd/m2
Contrast	4000:1
Colours	8bit+FRC, 1.07 Billion colours
View Angle	178°
Active Area	1211*682mm(diagonal 1389.84mm/54.7inch)
Video Mode	PAL, NTSC, SECAM
Sound Mode	D/K, B/G, I, M
Support Resolution	1280x960 / 1280x1024 / 1360x768 / 1440x900 / 1600x1200 / 1920x1080 / 3840 x 2160@60Hz (Opt)
Voltage range	AC 240V, v-50/60Hz
Power range	Standby Power <1W - Rated Power < 150W
Audio	10W x 10W internal speakers

Inputs

CVBS/Audio input	1xMINI (black)
YPbPr	1xMINI (black)
SD Card	1xSD Card
Network	1xRJ45
USB input	2 x USB3.0 USB-A (horizontal)
PC RGB input	1 x D-USB 15pin
PC audio input	1 x 3.5 stereo audio-in jack
HDMI input	2 x HDMI-A
HDMI format	2xHDMI 2.0(HDMI1 & HDMI2)
Interactive control input	1x USB-B,
USB file system	FAT32, FAT16, NTFS (NTFS compressed file is not supported)
WIFI	1xREC(Built-in)

Outputs

CVBS/Audio out	1 x MINI (Black)
Headphone	Jack x 1 Earphone
SPDIF output	1 x RCA

HDI OS™/Android™ specification

HDI OS™ - (Built on Android 6.0)
CPU ARM A53 x 4 1.4 GHz
GPU ARM Mali450 MP4 (4+2) 450 MHz
Flash 16GB Build in EMMC
SDRAM 2GB (4Gbit x 40); DDR3; 1866MHz
Android Version 6.0
SD Card Support Max 32 GB
WIFI IEEE802.11 a/b/g/n Dual Band 5 GHz

Touch parameters

Touch points	60 point of touch
Writing mode	Finger, capacitive pen
Positioning technology	Capacitive technology
Positioning accuracy	±2mm
Positioning resolution	4096 x 4096
Sensitivity	click≤φ6mm, slip≤φ6mm, uniformly≤1.5mm
Writing response time	First point < 30ms
Cursor speed	>180 dot/sec
Interactive touch control	USB plug and play
Operating system	Windows / Android, Mac
PC response	System auto response

Screen Package

Dimensions	1410mm(L)x930(H)x195mm(W)
Gross weight	52KG



Mobility solutions

At HDi we pride ourselves on designing and building customised solutions to solve many bespoke problems.

