HF-ITP55-0464

Product Features

- Perfect 4K resolution
- Industrial grade aluminum frame
- 3mm Protect glass and anti -scratch
- Front audio stereophonic Speaker
- 20 points, <5~8ms Response
- Multiple signal input HDMI, VGA, Video, YPbPr, TV etc.
- Password / Pattern Lock protected
- Infrared touch technology for rich writing experience
- Support APK install and authorize management, permit or forbidden application

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Specifications :

DISPLAY

Screen Size and Resolution	55" 4K/3840x2160
Bonding Technology	Zero Bonding
Display Orientation	Landscape (Portrait display option)
Screen Type	TFT LCD (Direct-LED Backlight)
Blue Light Reduction	Supported
Bonded Glass	Supported
Aspect Ratio	16:9
Display Area	1209.6 x 680.4mm (47.6 x 26.8 in)
LCD Viewing Angle	178°
LCD Refresh Rate (Panel)	60Hz
LED Lifespan	60,000 hours
Contrast Ratio	5000: 1 Dynamic, 1200:1 Static
Brightness	$350cd/m^2 \pm 5\%$
Glass Hardness	9H (pencil), 7 (Mohs)
Glass Type	Heat tempered, Anti-Glare

INTERACTIVITY

Touch Technology	Infrared Touch
Touch Method	Finger & Stylus
Vellum Touch Technology	Supported
Continuous Touch Points	20Points (Android), 40Points (Windows)
Touch Resolution	32768x32768px
Response Time	≦5ms
Touch Accuracy	≧1mm
Tracking Rate	≧4m/s

Scan Rate	200Hz
Gestures and Edge Swipes	Android and Windows supported
Eraser Included (Block Eraser)	Supported
Smart Pen	Option, Support Smart Pen at Windows OS
Pen and Touch Differentiation	Supported
Palm Erase	Supported
Palm Rejection	Supported, Writing and non-writing hand
Pens Included	Supported, 2pcs Aluminum Magnetic Stylus
Pen Type	Battery-less pen
Pen Holder	2 pen slots at down bezel of IFPD
Pen Tip Diameter	2mm (Fine Pen Tip), 7mm (Thick Pen Tip)
Classroom Essential Apps	Including Whiteboard, Annotate, Timer, Calculator, Split Screen, Record, Spinner, ScreenCapture, Screen Record, Screen Share, Browser, PDF reader, Media Player, Screen Cast, etc.
Compatibility	Windows 7 to 11; Mac Os 10.8 to 10.11: MAC Os Sierra 10.12.1 or later; Linux Ubuntu 20.04LTS; Chrome OS

COMPUTING

Operating System	Android 13
RAM	Default 4G
Internal Storage	Default 64G
CPU	Amlogic T982, Quad core ARM Cortex-A55 CPU, 1.9 GHz
GPU	Mali-G52 MP2(2EE)
OSD Language	English
Video/Picture Encoding	– Independent JPEG and H.264 encoder with configurable performance/bit-rate
	– JPEG image encoding
	– H.264 video encoding up to 1080P@30fps with low latency

Video/Picture Decoding	– AV1 MP-10@L6.0/5.1 up to 8Kx4K@30fps or 4Kx2K@60fps
	– H.265 HEVC MP-10@L5.1 up to 8Kx4K@30fps or 4Kx2K@60fps
	– VP9 Profile 2 up to 8Kx4K@30fps or 4Kx2K@60fps
	– AVS2 MP up to 4Kx2K@60fps
	– H.264 AVC HP@L5.1 up to 4Kx2K@30fps
	– H.264 MVC up to 1080P@60fps
	– MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)
	– WMV/VC-1 SP/MP/AP up to 1080P@60fps
	– AVS-P16(AVS+) /AVS-P2 Profile up to 1080P@60fps
	– MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)
	– MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
	– Multiple language and multiple format sub-title video support
	– MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918) – Supports JPEG thumbnail, scaling, rotation and transition effects
	– Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4 and *.jpg file formats

AUDIO & CAMERA

Dual Front-facing Speakers	2 x 10W
Microphone Array	8 x Microphone array
Inbuilt Camera	inbuilt a 13Mega camera

NETWORK

LAN in (RJ45)	10/100Mbps
Wake-on-LAN	Supported
Wi-Fi (Client)	IEEE 802.11a/b/g/n, 2.4G, 5G
Bluetooth	5.0 version

CONNECTIVITY

HDMI in (rear)	2 x HDMI 2.0version
HDMI out (rear)	Option(1 x HDMI 2.0version)
AV in (3.5mm)	1
RS-232	1
Audio Out/Earphone(3.5mm)	1
SPDIF/Optical	1
USB-B 2.0 (rear)	1
USB-B 3.0 (rear)	1
USB-A 2.0 (Touch, rear)	1
HDMI in (Front)	1 x HDMI 2.0 version
USB-B 3.0 (Front)	1 (Only work on OPS channel)
USB-B 2.0 (Front)	2 (Both work on Android and OPS)
USB-C 2.0 (Type-C, Front)	1 (Work as USB 2.0)
USB-A 2.0 (Touch, Front)	1

PANEL MANAGEMENT

OTA Updates	Supported
MDM (Multiple Display Management)	IFPD information (IFPD Location, IP, MAC, Operation System version, Specification etc.)
	User management
	IFPD Device management (Power on/off, Screen Lock, Sent Message, Program work flow, Setting Parameters, Install/Uninstall APK, Upgrade firmware etc)
	Running log
	Group management

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PHYSICAL SPECIFICATIONS

Panel Net Weight (Kg)	24.5±0.5
Packed Weight (Kg)	33.4±0.5
Panel Dimensions (WxHxD) (mm)	1271.9 x 769.1 x 85.5
Packed Dimensions (WxHxD) (mm)	1380 x 200 x 900
VESA Mount Point (mm)	400 x 300

POWER

Power Requirements	100V~240V AC, 50/60Hz
Energy Star Power Consumption	≦100W (without OPS)
Power Consumption (Standby)	≦0.5W
Ultra-Quiet Fanless Design	Supported

ENVIRONMENTAL

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-15° to 55°C (-5°F to 131°F)
Operating Humidity	20% to 80% non-condensing humidity
Storage Humidity	20% to 90% non-condensing humidity