



Viper IntelliScreen 86AI

Smart. Seamless. Superior.

SPECIFICATIONS

TYPE	TECHNICAL SPECIFICATIONS
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Display Specifications

Screen sizes	86" LED Screen (16:9)
Operating System	Android 14.0 OS
Processor	Octa Core CPU or better
CPU Frequency	1.9 GHz or higher
Graphics	Mali-G52 MP2 (2EE) or better
Memory	8GB RAM
Storage	128GB ROM
Panel Type	DLED Backlight
Resolution	3840 × 2160 4K UHD or better
Viewing Angle	178° (H) / 178° (V)
Refresh Rate	60Hz or better
Glass Hardness	≥9H
Aspect Ratio	16:9
Input Accessories	Wireless Keyboard & Wireless Mouse

Touch Specifications

Touch Technology	Infrared Touch Technology
Glass	Anti Glare Glass
Writing Method	Stylus / Finger / Eraser
Response Time	≤8 ms
Touch Points Android	30 Points or better
Touch Points Windows OPS	40 Points or better
Touch Accuracy	≤2 mm
Attachment Method	Zero Air Gap Technology

Connectivity & Ports

Front Ports	1 × USB 2.0 Type A
Rear Ports	USB Type C (USB + Charging)
	2 × HDMI IN (2.0)
	USB 2.0 Type A
	USB 3.0 Type A
	USB Type B
	Micro USB
	RS232
	RJ45 (100 Mbps)
	Audio Out (3.5 mm)
OPS Support	OPS Slot Supported

Audio & Camera

Camera	48MP AI Camera with Voice Tracking
Speakers	2 × 15W Built in Speakers
Microphone	8 Array Microphone System

Sensors & Smart Features

Sensors	X Mic Receiver, Motion Sensor, NFC
Quick Pen Detection	Supported
Wireless	WiFi 6 Dual Band
Hotspot	WiFi & Hotspot Simultaneous
Bluetooth	Bluetooth 5.2
Projection	EShare Supported
Text Recognition	Supported
Power Control	Single Power Button

Device Management

Platform	Securegenic Device Management
Security	Geo Fence, Device Blocking
Reports	Location History & Reports
User Management	Admin / User Logins
Role Management	Supported
Custom Branding	Supported
Output port	1x HDMI port, 1x VGA port, 1x LINE-OUT port
Operating System	Windows 11

Warranty

Warranty	1 Year On site Parts & Labor
OEM Verification	Manufacturer Authorization Required
Logo Requirement	HED Logo in center with underline

Note: Pictures are for reference only. Actual products may differ.



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TYPE	TECHNICAL SPECIFICATIONS
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Display Specifications

Screen sizes	55" /65" /75" / 86"/96"/110" LED Screen (16:9)
Screen Branding	Original new ultra-clear LED screen
Resolution	3840(H)×2160(V)
Viewing angle	178 degree(H):178 degree(V)
brightness	350cd/m2
contrast	5000 : 1
Response time	8ms
Color depth	16.7M
Frequency	4K-60HZ
Backlight	DLED
Display output	HDMI
Color System	PAL, NTSC
Sound	3D stereo sound output power 2*10W
Protection	Anti-glare tempered explosion-proof glass is standard
Camera	48MP Camera AI voice tracking

Touch Specifications

Touch embedding	Built-in all-in-one, non-plug-in
Touch Sensitive	30 Points (Android) - 40 Points (Windows OPS)
Notation	Fingers, stylus or other points not less than 2mm in diameter
Cursor Speed	120 points/s
Positioning accuracy	More than 90% of the touch area is ±1mm
Communication	USB male type B
Touch resolution	32767 X 32767
number of touches	Theory unlimited times

Parameters of the whole machine

OS	Android 14
Processor	Amlogic T982 processor quad-core Cortex-A55
Storage	128GB
Memory	8GB
Enter port	Network cable x2 ,HDMI input x2, Type-C x1, VGA input x1, audio jack x1, Dual-band WIFI x1, TF Card x1, USB 2.0 / 3.0 x4
Output port	Coaxial output, audio output, touch output interface, AV output x1, HDMI output x1
Front port	USB x2, HDMI IN, TOUCH USB, TYPE-C
Storage environment	Storage temperature: -20°C~60°C; Storage humidity: 10%RH~90%RH
Working	Operating temperature: -10°C~55°C, working humidity: 10%RH~90%RH
Installation	Pylon (standard)
Pylon hole spacing	600 ×400MM
Power supply type	Three-core power supply/fixed
Power interface	Character holder
Power consumption	Approx. 288 watts
Voltage range	110~240V/50~60Hz
Audio	2 x 8 10W midrange speakers on the front
wall installation	1707.4 x 1027.5 x 83.2
Standby power	0.5W
Service Life	50,000 hours
Warranty	* 1 Year Warranty (Extendable)

Included attachments

Intelli Screen	Instructions
Power cord - 1.5M 1 Pcs	Remote control 1 Pcs
Touch pen 1 Pcs	

OPS

Chipset	Intel chipset
Processor	Intel core family with latest generation
Memory	8GB DDR
Hard disk	256GB SSD
Graphics	Intel Core Graphics
Enter port	1x LAN port, 3x USB3.0 port, 3x USB2.0 port, 1x MIC-IN port
Output port	1x HDMI port, 1x VGA port, 1x LINE-OUT port
Operating System	Windows 11