NEXA NEX-INFINITY 75" Interactive Flat Panel

The **NEXA NEX-INFINITY 75" Interactive Flat Panel** is a professional large-format collaboration and presentation solution designed for modern **meeting rooms, classrooms, command centers, hospitals, and banks**. It combines an ultra-HD 4K display, intelligent touch interaction, wireless screen sharing, video conferencing, and advanced AI-powered features in an integrated all-in-one platform.

Model / Part No.: **NEX-INFINITY 75**

Key Functions:

Function	Description
AI-Powered Camera & Microphone	Built-in 48MP camera with 8-array microphone
Wireless Screen Sharing	Multi-device wireless content sharing and control
Real-Time Collaboration	Interactive writing, presentation and content control
Handwriting Recognition	Natural writing with intelligent handwriting recognition
QR Code Sharing	Quick file sharing through QR code scanning
AI Auto Framing	Automatically frames participants during video conferencing
Gesture Control	Intelligent gesture-based interaction
Split-Screen Mode	Supports multiple content sections on one display
Screen Grouping	Supports multiple wireless transmissions
Host Mode	Centralized control for wireless collaboration

Full Specifications:

Specification	Details
Brand	Nexa Communication
Model / Part No.	NEX-INFINITY 75
Product Type	Interactive Flat Panel
Display Size	75 Inch
Active Area	1649.66(H) × 927.93(V) mm
Pixel Pitch	0.429 × 0.429 mm
Bezel / Frame	Aluminum Frame
Backlight	Direct Type LED
Resolution	3840 × 2160 @ 60Hz
Aspect Ratio	16:9
Panel Grade	A+
Display Lifetime	Minimum 50,000 Hours
Dynamic Contrast Ratio	5000:1
Display Colors	1.07 Billion Colors
Brightness	450 cd/m^2
Viewing Angle	178°
Glass Hardness	Mohs-7 Level
Screen Surface	Anti-Glare, Anti-Fingerprint & Tempered Glass
Minimum Object Size	1 mm (Over 90% Area)
Touch Technology	IR Touch
Touch Points – Windows	40 Points
Touch Points – Android	20 Points
Multi-Writing	Yes
Auto Calibration	Yes
Touch Precision	1 mm (Over 90% Area)
Touch Response Time	<8 ms
Operating Systems	Windows 7/8/10/11, Android, Mac, Linux, Chrome OS
Front USB Ports	USB 3.0 × 2
Front Touch Interface	IR Touch
Audio System	60W Audio Units
Treble / Bass	20W × 2 Treble + 20W Bass
HDMI IN	2.0
HDMI OUT	Supported
USB 2.0	Supported
USB 3.0	Supported
Type-C	Supported
RJ45 / LAN	Supported
Touch Interface	Supported
Audio IN / OUT	Supported
VGA	Supported
DP	Supported
OPS Slot	80-Pin OPS Slot
Wi-Fi	Wi-Fi 6 (2.4G + 5G) Dual Band
Bluetooth	Supported
Camera	Built-in 48MP Wide-Angle Auto-Framing Camera
Camera Viewing Angle	120° ± 3° (Ø7.2mm)

Microphone	8-Array Microphone
Microphone Coverage	Up to 10m
Operating System	Android 13.0
Chipset	Amlogic 311D2
CPU	A73 × 4 + A53 × 4, 2.28GHz Octa-Core
GPU	G52 MP8
RAM	8GB DDR4
ROM / Storage	128GB
Video Decoding	Supports 4K H.265 Decoding
Image Formats	JPG / JPEG / BMP / PNG and Other Formats
Power Input	100–240V AC
Power ON/OFF	Yes
Standby Power Consumption	<0.5W
Operating Power Consumption	<290W
Camera Function	Auto Framing
Microphone Function	8-Array Audio Capture
Wireless Screen Sharing	Supported
QR Code File Sharing	Supported
Handwriting Recognition	Supported
Gesture Control	Supported
Speaker Auto-Centering	Supported
Auto-Framing	Supported
Security Features	Digital Password & Gesture Password
Compatible Video Conferencing	Nexa Video Conference Software
Application Environment	Meeting Rooms, Classrooms, Command Centers
Additional Applications	Hospitals, Banks and Indoor Collaboration Spaces
Accessories	Wi-Fi Dongle, Ink Pens, Remote Control, Power Cord, HDMI Cable, USB Touch Cable, Wall Mount Kit

The NEX-INFINITY series is positioned as an all-in-one collaboration platform integrating professional video conferencing, screen sharing, interactive whiteboarding, and audiovisual functions.