SCREEN CONTROL · PLAYBACK PROCESSOR

TU4K Pro

LED playback control processor

The smart display engine for large LED walls: Android apps, wireless mirroring, 4K HDMI inputs and 20 outputs for up to 13 million pixels.

13 M pixels · Android 13 · 8K playback · HDR10



13 M px
Loading capacity, scaled

20
Gigabit LED outputs

8 GB
RAM, with 128 GB storage

2 × 4K
HDMI 2.0 inputs

A smart TV for big LED walls. Meetings, video and apps.

The TU4K Pro combines an Android system, a sending card and a video processor in one unit. Mirror any device wirelessly, run third-party apps, play from USB or bring in two 4K HDMI sources, and control it from the front panel, the remote or a phone. HDR10 and AI picture enhancement keep content vivid.

20 outputs
Up to 16,384 × 8,192 scaled; 8.8 million pixels pixel-to-pixel.

4K inputs
2 × HDMI 2.0 up to 4096×2160@60Hz, plus HDMI 1.3.

Wireless mirroring
Share from Windows, macOS, iOS and Android.

Android 13
8-core 2.2 GHz; 1 × 8K, 2 × 4K or 5 × 1080p streams.

HDR and AI picture
HDR10, peak brightness and AI image enhancement.

Easy control
Front-panel screen and knob, voice remote or mobile app.

APPLICATIONS

Auditoriums · Corporate lobbies · Exhibition halls · Conference halls · Education · Showrooms

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Specifications. Every connector and capacity.

OUTPUT

Loading capacity	13 M pixels scaled; 8.8 M pixel-to-pixel
Scaling range	64–16,384 px wide, 64–8,192 px high
LED outputs	20 × Gigabit Ethernet
Fibre outputs	2 × OPT (modules not included)
HDMI out	1 × HDMI 1.3 monitor
Audio out	SPDIF, 3.5 mm, HDMI ARC, Phoenix

INPUT

HDMI 2.0	2 ×, up to 4096×2160@60Hz
HDMI 1.3	1 ×, up to 2048×1152@60Hz
USB	2 × USB 2.0, 1 × USB 3.0

SYSTEM

Operating system	Android 13, third-party apps
Processor	4 × A73 + 4 × A53, 2.2 GHz
Memory	8 GB RAM, 128 GB storage
Playback	1 × 8K, 2 × 4K, 5 × 1080p, 9 × 720p

CONTROL

Front panel	2-inch LCD and knob
Remote	Bluetooth voice remote
Apps	ViPlex Handy, VNNOX Care
Network	Gigabit Ethernet, Wi-Fi, Bluetooth

ELECTRICAL AND ENVIRONMENT

Power input	100–240 V AC, 50/60 Hz, 2.5 A max
Power consumption	53.9 W rated
Operating	−20 °C to +50 °C, 5–85% RH

PHYSICAL

Dimensions	445.0 × 381.8 × 50.1 mm
Net weight	4.6 kg
In the box	Voice remote, cables, 3 antennas, hanging brackets

Whiteboard and multi-split mirroring need activation codes. Peak brightness needs A8s Pro or A10s Pro receiving cards.

MANUFACTURER AND REFERENCE

Manufacturer	NovaStar
Reference	NovaStar TU4K Pro LED Playback Control Processor Specifications V1.2.3

Specifications are typical values from the manufacturer and may change without notice. Skyco confirms the final configuration with your quote.

Talk to our screen control team.

We size the control to the screen, supply and configure it, and support it after handover.

1. **Size the system**
2. **Quote**
3. **Supply**
4. **Configure**
5. **Support**

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