

Magewell Director Plus: setup and limits

A portable 4K production unit with a 7" touchscreen: switch HDMI, USB and network cameras into scenes, add graphics, stream to up to four destinations and record, from one box. Run it on mains or NP-F batteries, online over Ethernet, Wi-Fi or 5G.

Physical connections

HDMI in	4 × (4K on HDMI 1 and 2) · 720×480 up to 4096×2160
HDMI out	2 × up to 4K60 · programme, preview, multi-view and more
USB	2 × USB-C 3.0, 1 × USB-A 3.0 · up to 2 USB AV inputs (webcams up to 4K60) · USB-C OUT
Audio	2 × mic/line in (3.5 mm) · headphone out · Bluetooth/USB monitoring
Network	2.5G Ethernet · Wi-Fi 6E · 5G nano SIM or USB modem · Bluetooth 5.3
Storage	128 GB internal · microSD · USB SSD
Screen	7" 1920×1080 AMOLED touchscreen

Network sources

Types	SRT (caller/listener), RTMP (pull or push), RTSP, NDI (High Bandwidth, HX2, HX3), phone cameras (Director Utility App)
Per show	Up to 10 streams and phone cameras
SRT	Latency 120 ms default (20–8000 ms) · AES-128/192/256
NDI HB decode	1 × 4Kp60, or 2–3 × 1080p60

Streaming and recording

- Up to **4 destinations**: YouTube, Twitch, Facebook, Restream, or SRT, RTMP, RTMPS, RTSP
- H.264 or H.265, up to 2160p60 at up to 120 Mbps
- Network priority per destination: Ethernet, Wi-Fi or cellular first
- Record MP4 or MOV; **4 independent ISO channels**
- Budget**: up to 12 encoding tasks at once (4 streams + 4 recordings + 4 replays); NDI output uses its own encoding

Control

- Touchscreen · Director Utility App (iOS 13+, Android 7.0+) · web interface
- Elgato Stream Deck plugin · OSC · API · Magewell Control Hub
- PTZ control over VISCA UDP

Power and physical

Adapter	12 V / 5 A, screw-locking · ≈ 14 W idle, 29 W full load
Battery	1 or 2 × 7.4 V NP-F, hot-swappable (not supplied)
Size, weight	185.2 × 117.2 × 38.5 mm · ≈ 882 g without antennas
Operating	–10 to 50 °C (on AC power)
In the box	2 × 5G + 2 × Wi-Fi antennas (not interchangeable), adapter, stand kit, sunhood, screen cover, USB-C to USB-A cable
Warranty	2 years device, 1 year screen

Shows and scenes

Show format	1080p, 1440p or 2160p · 16:9 or 9:16
Mixing	Up to 6 inputs at 4Kp60, or 16 at 1080p60, per show
Per scene	Up to 4 video sources
Graphics	Up to 8 on screen · lower thirds, titles, scoreboards, timers
Replay	4 channels

First setup checklist

- ☐ Antennas on their own sockets (5G and Wi-Fi are not interchangeable)
- ☐ Hold power 3 s; wizard: language, device name, landscape or portrait
- ☐ Network: Ethernet → Wi-Fi → cellular priority; IP shown in Control Center
- ☐ Web interface at the IP; change the default Admin/Admin password
- ☐ Set the recording location: Settings > Record

Check these first

- YouTube login: enable live streaming on the account first (up to 24 h)
- App can't find it: same network; local network access (iOS) or location (Android)
- Hotspot not seen by older phones: Extend compatibility (5 GHz)
- Wrong HDMI resolution or audio: EDID import

Parts list: Director Plus · cameras with HDMI or USB cables · microSD card or USB SSD · optional NP-F batteries and 5G SIM · a phone with the free Director Utility App.