

K Full HD IP Decoder & Mosaic Viewer

- H.264 · up to 1080p60
- HDMI, VGA & CVBS
- Up to 4-picture mosaic
- Web-based management

Product Overview

Turn **H.264 IP streams into pictures on standard displays**. BLANKOM HDD-264 receives live Full HD and SD video over an IP network and provides HDMI, VGA and composite video outputs.

Use one full-screen programme or combine **up to four streams in a mosaic**. Compact construction, browser-based control and support for digital and analog displays make it a practical endpoint for IPTV and monitoring systems.



BLANKOM HDD-264 · compact IP video receiver

Key Features

- ✓ **Full HD decoding.** Receive H.264/AVC video up to 1080p60, with support for High, Main and Baseline profiles.
- ✓ **Four-picture mosaic.** Monitor up to four compatible streams on one display; select audio from one source.
- ✓ **Three display interfaces.** HDMI, VGA and CVBS outputs support digital screens and existing analog AV systems.
- ✓ **Flexible IP reception.** HTTP, HLS, FLV, RTSP, RTMP and UDP/RTP for unicast and multicast workflows.
- ✓ **Text and logo overlays.** Identify feeds or add information with text, scrolling text and up to four logos.
- ✓ **Image adjustment.** Adjust brightness, hue, saturation and contrast to suit the connected display.
- ✓ **Browser-based control.** Configure reception and output settings, select mosaic views and upgrade firmware over Ethernet.

Applications

Corporate & campus IPTV

Receive internal TV, lecture or event streams and display them in offices, classrooms and common areas.

Multi-source monitoring

Bring up to four compatible H.264 camera or encoder feeds onto one screen for a consolidated view.

Digital signage

Deliver network video and on-screen information to displays without a dedicated playback PC.

Legacy AV integration

Connect IP video to VGA monitors and PAL/NTSC composite equipment while retaining HDMI connectivity.

ONE PROGRAMME OR FOUR VIEWS

Select full-screen reception or mosaic monitoring to match the application.

Connection Panel



RESET · AUDIO OUT · CVBS OUT · VGA OUT · HDMI OUT · ETHERNET · DC

IP RECEPTION & VIDEO DECODING

Network	1 × RJ45 Gigabit Ethernet ¹
Video codecs	H.264/AVC; JPEG/MJPEG
H.264 profiles	High / Main / Baseline, Level 4.2
Input resolution	Up to 1080p60; 720p and SD; progressive input
Rate control	CBR / VBR streams
Protocols	HTTP, HLS, FLV, RTSP, RTMP, UDP/RTP ²
Delivery	Unicast / multicast
Single stream	Up to 1080p60 at 32 Mbps
Input bitrate	100 kbps–32 Mbps per stream; mosaic limits below

MOSAIC CAPACITY

1 stream	1080p60, up to 32 Mbps
2 streams	1080p60, up to 10 Mbps each
3 streams	1080p50, up to 10 Mbps each
4 streams	1080p30, up to 20 Mbps each
Audio selection	One source selected for output

VIDEO & AUDIO OUTPUTS

HDMI / VGA	Up to 1080p60; HD and SD output modes
CVBS	PAL 720 × 576 / NTSC 720 × 480
Audio outputs	HDMI embedded + 3.5 mm stereo jack
Audio decoding	AAC / AAC+ / AAC+,, MP3, MP2, G.711 A/U
Audio sampling	8–48 kHz; HDMI audio at 48 kHz

CONTROL & PHYSICAL

Management	Web interface; network firmware upgrade
OSD	Up to 4 logos; text / scrolling text
Image adjustment	Brightness, hue, saturation, contrast
Power adapter	12 V DC, 1 A
Consumption	5–10 W
Dimensions / mass	155 × 120 × 30 mm / 266 g
Operation / storage	–10 to +70 °C / –20 to +80 °C
Humidity	5–90%, non-condensing

Selection & Integration

Select HDD-264 for **Full HD H.264 reception** and up to four-picture monitoring. Confirm stream format, bitrate, output timing and mosaic layout before commissioning. MPEG-2 and H.265 video decoding are not included; choose an appropriate UHD decoder for 4K applications.

¹ Ethernet rating follows the original BLANKOM data sheet; verify supplied hardware revision.

² RTMP variants depend on firmware. SRT and NDI are not specified here pending confirmation.