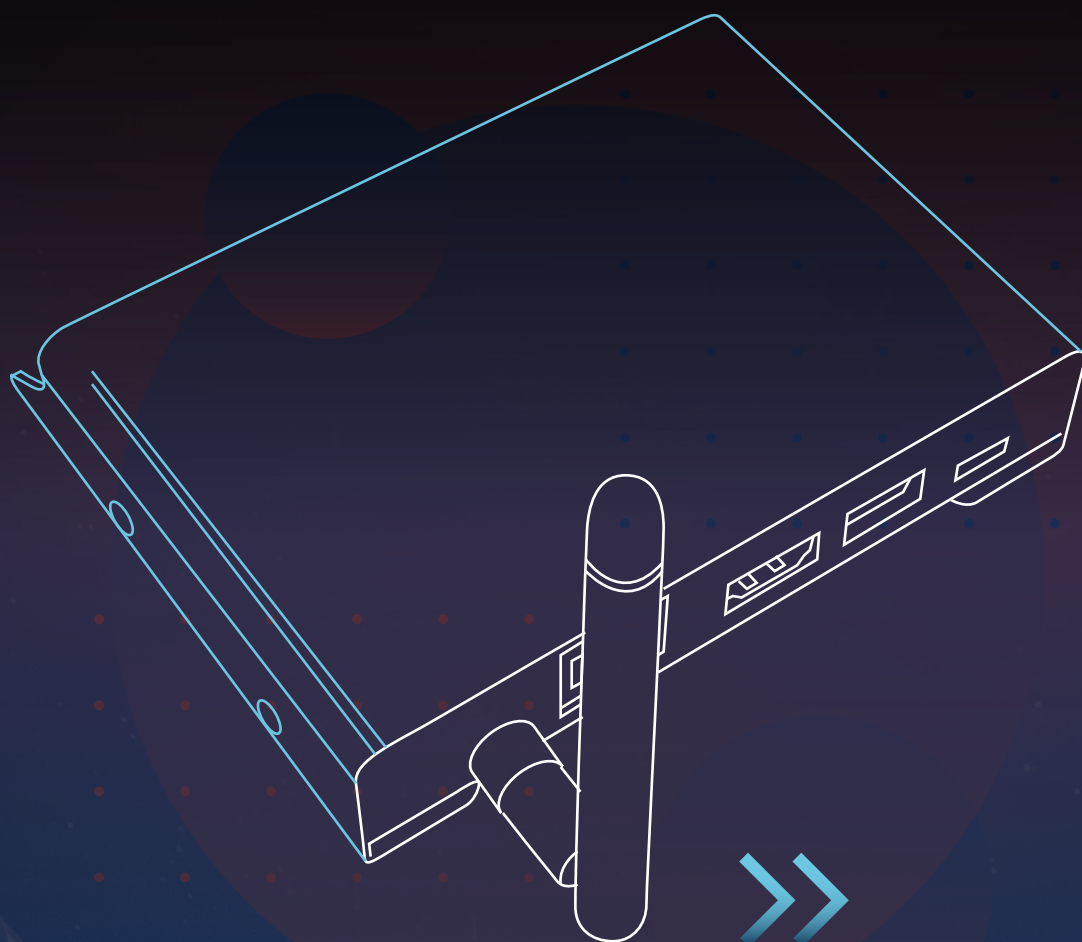


FBX
series

*the ultimate
IPTV Set-Top Box
(STB)*



FBX-3566/3566W

Quad core A55 CPU @ 2GHz | 2GB RAM | 8GB eMMC
4K @ 60fps video decoding | 1x Gbit LAN interface

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Introducing the FBX-3566/3566W, the ultimate IPTV Set-Top Box (STB) made for the hospitality and digital signage industry.



FBX
series

Boasting a high-performance quad-core A55 CPU clocked at 2GHz, coupled with 2GB DDR4 memory and a Mali-G52 GPU, this device is a powerhouse of efficiency and speed. Its specialized lightweight Linux OS ensures peak performance and ultra-fast booting.

The FBX-3566/3566W excels in delivering high-quality video content, supporting resolutions up to 4K at 60fps. It is compatible with a broad spectrum of codecs including Mpeg2, H.264, H.265, and VP9. This device also features a 1xGbit LAN interface, a USB 3.1 port, and a USB 2.0 port designed for remote control applications, ensuring versatile connectivity options.



Available in two distinct models, the FBX-3566 and FBX-3566W, to cater to varying needs. The FBX-3566W includes integrated WIFI/Bluetooth support for both client and AP mode, while the FBX-3566 represents the standard version.

The FBX-3566/3566W seamlessly integrates with Fleex Embedded and Fleex Prime IPTV middleware, as well as the Fleex Digital Signage solution by Lemco. It is also capable of operating independently as a standalone IPTV player. This versatile device offers a range of functionalities, including acting as the main controller for other STBs in the same network as well as compatibility with various remote controls.

Engineered with a robust metal case, the FBX-3566/3566W is designed for continuous 24/7 operation. The metal casing doubles as an effective heatsink, ensuring durability and reliable performance in any professional setting. Additionally, it offers versatile mounting options, including the ability to be wall-mounted or directly attached to TVs using the VESA standard mounting system, providing flexibility and ease of installation in various environments.

Features

- Quad core A55 CPU @ 2GHz
- 2GB RAM
- 8GB eMMC
- 4K @ 60fps video decoding
- 1x Gbit LAN interface
- HDMI 2.0a output
- 1x USB 3.1 port
- 1x USB 2.0 port
- Metal case
- VESA mount 10*10cm
- Compatible with Fleex Embedded, Prime and DS
- Stand-alone IPTV STB mode



Highlights



4K decoding

Experience visual brilliance with the FBX-3566/3566W, offering full 4K support at a smooth 60 frames per second. Immerse yourself in ultra-high-definition content, with four times the resolution of standard 1080p. Every frame is a stunning display of clarity and detail, providing an unrivaled viewing experience. Whether it's for high-end hospitality needs or dynamic digital signage, this device ensures that your content is not just seen but vividly experienced. Embrace the future of visual display technology with the FBX-3566/3566W – where every pixel tells a story in exquisite detail.

Seamless Connectivity using FLEEX API

Unlock the full potential of your technology ecosystem with the FBX-3566/3566W's advanced API integration capabilities. Designed to seamlessly embed within third-party applications, such as IPTV middleware and digital signage software, this feature ensures effortless synchronization and enhanced functionality. Our robust API provides a versatile framework, enabling custom integrations that cater to your specific operational needs. Whether integrating with complex digital signage systems or streamlining IPTV service delivery, the FBX-3566/3566W stands as a beacon of adaptability and efficiency in the digital age. Embrace the power of seamless integration and propel your digital experience to new heights.

Controller Mode

Elevate your network management with the FBX-3566/3566W's Controller Mode, a feature designed for unparalleled control and coordination. This mode transforms any device into a central command hub, enabling you to program, manage, and control all other devices within the same local network with ease and precision.

WiFi functionality (Access Point / Client Mode)

Elevate your connectivity with the FBX-3566 STB, featuring cutting-edge WiFi capabilities in both Access Point and Client Mode. This dual functionality not only ensures seamless integration into any network environment but also promises an unparalleled user experience.

Metal case

Experience enduring reliability with a robust metal case that effortlessly combines strength with professional elegance. Designed to withstand continuous operation, this sturdy construction excels in heat dissipation, ensuring optimal performance in even the most demanding environments. Its sleek design not only enhances durability but also adds a touch of sophistication to any professional setting, making it an ideal choice for safeguarding your technology investment.

FBX SERIES

FBX-3566

Quad Core@2.0GHz, 2GB DDR4, 8GB Flash, 4K



Main

Chipset	Rockchip RK3566
CPU	Quad-core ARM Cortex-A55 processor
GPU	Mali G52-2EE
RAM memory	2GB DDR4
Flash memory	8GB eMMC

Multimedia

Resolution	Up to 4K @ 60fps
Decoder Format	H.264, H.265, VP9
Audio format	MP3, AAC, WMA, FLAC, OGG

Interface

LAN port	1x 1000Mbps
Connector	1x RJ45
HDMI output	HDMI 2.0
Connector	HDMI Standard Female
USB port	1x USB 2.0 (internal for remote control)
	1x USB 3.1
Connector	USB Type-A female

EAN-13

Code	5213009762229
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Remote Control (Optional)

Part number	FLEEX-10S
Operating frequency	2.4GHz
Air mouse support	Yes
Learning mode	Yes (for POWER ON/OFF button)

General

Power supply (Optional)	5VDC/2A
Power supply consumption	5W approx.
Connector	USB Type-C
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	123 x 99 x 25mm
Weight	0.35 Kg

FBX SERIES

FBX-3566W

Quad Core@2.0GHz, 2GB DDR4, 8GB Flash, 4K + WIFI/Bluetooth



Main

Chipset	Rockchip RK3566
CPU	Quad-core ARM Cortex-A55 processor
GPU	Mali G52-2EE
RAM memory	2GB DDR4
Flash memory	8GB eMMC

Multimedia

Resolution	Up to 4K @ 60fps
Decoder Format	H.264, H.265, VP9
Audio format	MP3, AAC, WMA, FLAC, OGG

Interface

LAN port	1x 1000Mbps
Connector	1x RJ45
HDMI output	HDMI 2.0
Connector	HDMI Standard Female
USB port	1x USB 2.0 (internal for remote control)
	1x USB 3.1
Connector	USB Type-A female

EAN-13

Code	5213009762236
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Remote Control (Optional)

Part number	FLEEX-10S
Operating frequency	2.4GHz
Air mouse support	Yes
Learning mode	Yes (for POWER ON/OFF button)

General

Power supply (Optional)	5VDC/2A
Power supply consumption	5W approx.
Connector	USB Type-C
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	123 x 99 x 25mm
Weight	0.35 Kg

WIFI/Bluetooth

WIFI frequency	2.4GHz
Standards	802.11b,g,n,ac
Modes support	Client / AP mode
Bluetooth	BT 4.2 @ 2,4GHz



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