

The following documents are included:

Part 1

Key factors in selecting a videoconferencing solution

Part 2

2019 videoconferencing solution comparison test

Part 3

Hardware comparison for each manufacturer (individual comparison)

DEKOM

HARDWARE COMPARISON

MANUFACTURER **StarLeaf** 

It has already been three years since our last test report. In the field of Unified Conferencing, three years is a lifetime. The market is constantly moving on. Technology is developing at an ever-increasing speed, the efficiency of solutions is constantly improving, and the influence of the consumer world adds to the ergonomics of business solutions.

This is the first of a series of documents to help you choose the right video-conference system and/or the most suitable platform.



	GT Mini 3330	GT 3351	Teamline 5140	Teamline 5250	PT Mini 3020
Category	Meeting Room	Large Meeting Rooms	Huddle Room, S4B	Meeting room, S4B	Desk
Key Features	QuickConnect, Interoperable, AV integration, E2EE	QuickConnect, Interoperable, AV integration, E2EE	S4B, Microsoft Teams Ready, MS Native & Integrated, Wireless content sharing, Maestro, E2EE	S4B, Microsoft Teams Ready, MS Native & Integrated, E2EE	QuickConnect, SmartPath, Interoperable, AV integration, E2EE
Screens	2	2	2	2	1
Camera	USB/PTZ	PTZ	USB/PTZ	PTZ	USB
Video Quality	HD	HD	Full HD	Full HD	HD
Resolution	720p	720p	1080p	1080p	720p
Video standards	StarLeaf EVSIP, H.323, SIP, Skype for Business / Lync (including CCCP/AVMCU support), WebRTC, StarLeaf H.264 SVC, Microsoft H.264 SVC, H.264, VP8, H.263+, H.263, H.239, BFCP, RDP	StarLeaf EVSIP, H.323, SIP, Skype for Business / Lync (including CCCP/AVMCU support), WebRTC, StarLeaf H.264 SVC, Microsoft H.264 SVC, H.264, VP8, H.263+, H.263, H.239, BFCP, RDP	Microsoft Skype for Business, Microsoft Lync, Microsoft Teams	Microsoft Skype for Business, Microsoft Lync, Microsoft Teams	StarLeaf EVSIP, H.323, SIP, Skype for Business / Lync (including CCCP/AVMCU support), WebRTC, StarLeaf H.264 SVC, Microsoft H.264 SVC, H.264, VP8, H.263+, H.263, H.239, BFCP, RDP
Video frame rate	60 fps	60 fps	60 fps	60 fps	Send: 30 / Receive: 60 fps
PC resolutions	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Bandwidth (max)	1.5 mbit/s synchronous	1.5 mbit/s synchronous	2.5–5 mbit/s synchronous	2.5–5 mbit/s synchronous	1.5 mbit/s synchronous
Audio Standards	AAC-ELD, AAC-LD, G.722.1 Annex C, G.722, G.711μ-law / A-law, iLBC, DTMF	AAC-ELD, AAC-LD, G.722.1 Annex C, G.722, G.711μ-law / A-law, iLBC, DTMF	Microsoft Skype for Business, Microsoft Lync	Microsoft Skype for Business, Microsoft Lync	AAC-ELD, AAC-LD, G.722.1 Annex C, G.722, G.711μ-law / A-law, iLBC, DTMF
Audio Features	Voice Activated Layout, Automatic Noise Reduction, Active Lip Synchronisation	Voice Activated Layout, Automatic Noise Reduction, Active Lip Synchronisation	Automatic Noise Reduction, Active Lip Synchronisation	Automatic Noise Reduction, Active Lip Synchronisation	Voice Activated Layout, Automatic Noise Reduction, Active Lip Synchronisation

RELIABILITY AS THE MAIN FOCUS

StarLeaf GT Mini 3330



The **StarLeaf GT Mini 3330** turns any meeting room into a videoconferencing room. Through various product options it can be modularly adapted to different budgets, room sizes and functional requirements. The GT Mini's intuitive interface simplifies arranging and joining meetings: anyone can schedule and start them, without needing training or IT support. Full compatibility with Cisco, Polycom, Skype for Business, and H.323/SIP means unlimited collaboration.

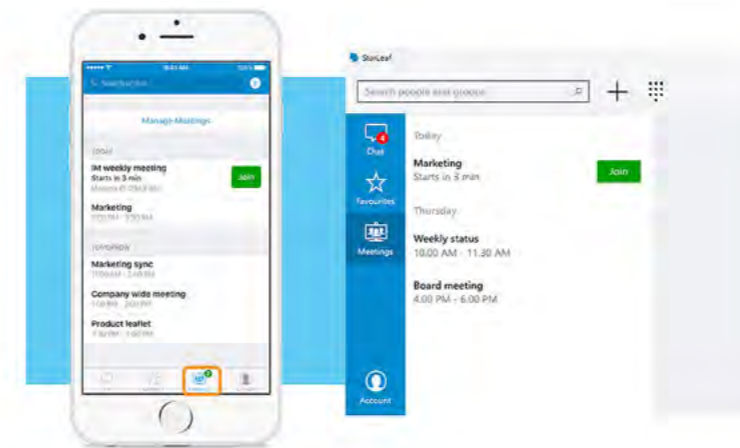
The system offers HD video and content sharing (with 720p30 or 1080p), full duplex broadband audio, and connection for local and remote PCs. It can also be easily integrated into existing audio and video system environments. Like all StarLeaf systems managed from the Cloud, the GT Mini 3330 includes instant access from anywhere and from any device.

The simple "plug-and-play" functionality ensures that the StarLeaf GT Mini can be installed within minutes and without the support of IT specialists. As an all-in-one service, StarLeaf provides gatekeeper functionality, firewall traversal and multipoint capability.

StarLeaf App –

Communication at any time and on any device

The **StarLeaf App** combines chat, meeting, and calling features in a single application. StarLeaf enables simple, secure and reliable business communication on any system – Windows, Mac, Android or iOS. At the touch of a button, you can join meetings, jump from chat to videoconference, or make voice and video calls from anywhere on any device. Chat one-on-one or create public and private groups that synchronise all your activities on all devices. Enjoy centralised management and control of all data and users with comprehensive admin tools.



The following customers implement the Videoconferencing solution from StarLeaf:

"As a global company, we are present in more than 20 countries. With the Cloud-based videoconferencing solution from StarLeaf, we are able to hold meetings quickly and easily, saving travel time and improving the work-life balance of our employees."

Ulrich Fiebig, Head of Global IT-Management & Software-Organisation, Loesche GmbH

"Thanks to StarLeaf's commitment and technical expertise, we now have an extremely powerful and stable videoconferencing architecture. Through the Cloud and mobile access, our employees can work and communicate more flexibly, from large meeting rooms to the workplace, and on mobile devices while on the move."

Elian Kool, CEO der Netcentric AG

"Thanks to the video meetings, we make decisions much faster – our expansion has been given a real boost by StarLeaf. Our management in particular makes intensive use of video calls for internal and external resolutions. For example, in preliminary discussions, the initial face-to-face meeting becomes obsolete, since video communication provides the same benefits. Time is money – and with StarLeaf, we save both."

Janine Pagel, Senior Manager for Workforce Management and Reporting at FlixBus

»It was clear that our existing system was not giving us the platform for collaboration and flexibility it needed. When we began investigating video collaboration solutions we were initially leaning towards updating our existing system. However, when we were introduced to the team at StarLeaf, we saw that we could have a much more advanced video conferencing system, with better functionality, for less than we would pay to continue supporting the existing Cisco system.«

Tim Roche, Head of IT, Stone King LLP

4
microphones
integrated



Provides a flawless voice quality:
Conference Phone 2220
from StarLeaf

With automatic noise reduction

Main features:

- Permanent one-on-one or group messaging on all devices
- Simply switch from chat to a video call
- Dedicated "Meetings" tab for easy meeting management
- Easy and intuitive user experience
- Real-time presence
- Cross-platform support for Windows, MacOS, iOS and Android devices

StarLeaf Conference Phone 2220

Meetings with unparalleled voice quality

The **StarLeaf Conference Phone 2220** was developed to work with the StarLeaf room systems and the associated touchscreen control. It is suitable for all rooms, including larger meeting rooms – especially where excellent sound quality is required. It enriches the meeting room with natural acoustics and ensures that everyone in the room can hear and be heard loud and clear.