



Smart Yachting

Mood Meter

3D Sound

Next Gen Cell Networks

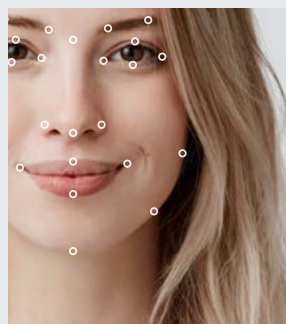
Lloyd's Register Certification
on Cyber Security

SMART YACHTING, SMART ENVIRONMENT

Videoworks, whose HQ is located in Ancona (Italy) and has several international offices, has been a point of reference for the System Integration and Evolved Technologies industries for more than 20 years. Videoworks is always looking for innovations aimed at improving life and comfort onboard, guaranteeing reliability, high quality and easiness of use.

With the goal of making the ambience even smarter, the company succeeded in making emotions and technology talk to each other, through the creation of a space where images, lights and sounds translate into sensations, read by a software. The resulting feedbacks will give precise insight regarding the experienced sensations and will allow the creation of customized ambiances where the user will feel perfectly at ease.

The old domotics will evolve towards this personal involvement of the user, which will deeply live the surrounding environment.



MOOD METER

EMOTIONAL FEEDBACK



Mood Meter works with an algorithm based on the human neural network that understands somebody's mood, set the lights of a room accordingly, and choose an adequate playlist.

The initial phase requires the user to listen to a song and watch an emotional video. The software maps the user's feelings, generates a Spotify playlist and sets the lights of the room in line with the user's mood.

user 120



AUDIO

3D SOUND IMMERSIVE LISTENING

For those who are seeking an immersive listening experience, Videoworks realized a device that diffuses tridimensional sounds in the environment where it is installed, offering customized sound experiences.

Closing your eyes, you will feel like standing in the middle of a tropical forest, or sitting in the first row at a symphonic orchestra concert. All of this is possible with the K-Array Vyper KV-52 speakers and the DSP card by Leaf Engineering, pivotal to equalize the sound with stable, repeatable results. Videoworks technicians know exactly how and where to install the passive, ultra-thin K-Array Vyper speakers. Each speaker is made of eight 1" transducers, and has a neodymium magnet inside a solid and elegant aluminium chassis. Phase consistency, minimal distortion and listening focalization are the main characteristics of these speakers.



TECHNICAL SPECIFICATIONS OF K-ARRAY VYPER KV-52

- > Extraordinary performance/dimensions ratio
- > Full-range, long excursion 1" driver
- > Wide horizontal coverage
- > Weather resistant
- > Can be installed outside (IP54)

NETWORKS

LLOYD'S REGISTER CERTIFICATION FOR THE HIGH SECURITY LEVEL OF VIDEOWORKS NETWORKS

Videoworks is the only company in the yachting sector to have obtained the Lloyd's Register certification for the security level of the networks it installs on yachts.

This important acknowledgement is the result of a meticulous evaluation of our work in terms of AV entertainment, automation, CCTV and IT Systems.

The evaluation highlights the appropriate management of the cyber risk potential to minimize the vulnerability of the installed systems towards cyber attacks or unauthorized access during the design, building, production and installation phases.



NEXT GEN CELL NETWORKS

Videoworks presents the preview of its 5G, going live at the end of 2019, which will allow the presence of a high-speed internet connection onboard.

Streaming, 1GB/sec downloads, high-definition and connection speed will be guaranteed at port, while sailing and near the shoreline.



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