



Mini eXplorer HD- 4K (Plus and **MILITARY**)



- **4 Video Inputs 4K 3480H x 2160V**; AHD, CVBS, IP ONVIF, TVI, HD-CVI - 4K- 5MP - 4MP - 2MP - 1080P 25fps
- Fully compatible with all range of underwater cameras on the market and video sources, analog and digital.
- It's possible to use the old video umbilical cable with the coaxial wire or the twisted cable up to 500 Mt in length
- **1 HDMI Full HD 4K video output for wide monitors or HDMI video spliter**
- **1 AUX HDMI VIDEO INPUT ON THE SCREEN PANEL FOR EXTERNAL SOURCES**
- **QUAD SCREEN OR FULL SCREEN SWITCH SELECTOR ON THE MAIN PANEL AND ON THE REMOTE CONTROL**
- Management and setup by the Touchpad or Mouse
- The MiniExplorer HD4K surface unit can overlay **60 Characters/digits + data and time** on movies and pictures recorded.
In addition, by means of the real time management software provided, it is possible to overlay also **customized colour logos and pictures and additional colour texts**.
- Embedded screen size: 10,1" or wider screen externally - Bright digital voltmeter
- Fully portable - **Small size and lightweight: 20x31x14 cm - 5,5Kg** (It can be used even as fixed station + ex monitors+fixed base microphone)
- **Built-in long life internal battery** - Backup battery socket - Powered by 110-240 Vac -12v - External battery - 12v Power adapter cord
- Warning and Rec led indicator on the screen panel
- **Two separate spotlight dimmer control switches** on the main panel (Diver1 and Diver2)
- Built-in SSD storage 1 TB - About 120 hours at full quality and load
- **Backup and redundant recording by the USB external memory** - storage HDD - or Net storage
- Fully network Connectivity and **live-streaming over local WI-FI and internet**
- **Remote management- viewing** by PC Windows, Mac and smartphone by the Remote Explorer APP for Android SO that allows also the talking at distance to the local supervisors directly through the speaker of the surface unit from remote
- **Crystal clear real time pictures and playback**.
- Video System has excellent light sensitivity and outstanding image definition (4K) and fitted with a camera with a wide-angle lens.
The recording files in the embedded SSD hard drive of the system MiniExplorer HD4K are DVD/CD standard compatible MP4-AVI or native H264-H265.
- The system can be powered by its power supply 110-220Vca 50HZ, by an external 12Vdc source (at least 5A), and by its internal battery.
- The system MiniExplorer HD 4K can store pictures and movies with audio track from both, divers and supervisor, as well as from the remote supervisor using internet or Wi-Fi connection because our system is the only one which allows this function!!



For further info and demo movies please visit our website at :
<https://www.vicsystemrsm.com>



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Main audio features

AUDIO

- Separated on/off switch
- **Supports two divers in full duplex or half duplex (2-wire or 4-wire)**
- External banana plug connectors for connection to the umbilical cord
- **Separate adjustment** of the volume for general listening, listening level and balance of divers, the level of the headphone volume for the divers and microphone level at the surface.
- On/off switch for internal speakers
- Automatic MUTE switch in Half duplex mode
- Clear audio, equalized according the audio frequencies of speech.
- Wired multifunction remote control with integrated microphone
- Additional integrated microphone front side the unit.
- Headset with integrated microphone .
- **Intercommunication** between divers with supervision from the surface of the conversation and the possibility for the supervisor to intervene
- 15w RMS power amplifier with built-in speaker is also active when case is closed.
- Audio output for recording additional audio communications with external devices.
- Audio switching functions on the inside panel and on the remote control: communication between surface and diver 1 or diver 2 - between the surface and diver1 + diver2 - between divers with switch blocked in Full Duplex mode for hands-free operation.

SPECIAL FEATURES:

- Automatic restoration of communications in Full Duplex mode in case of failure of the divers' microphones.
- Sound peak limiting system to protect the microphones and headphones of divers.
- Compensation system for connection fluctuations
- In half-duplex mode it is possible to constantly monitor the second diver during conversation between the supervisor and the first diver.



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