More and more research work on marine environment is based on the analysis of imagery data. Thanks to technological development, we can now monitor ocean ecosystems using video cameras deployed on different platforms. The information contained in those images is essential to understand species biology, geological features and the functioning of these ecosystems, and ultimately inform environmental management policies. Because of the video data specificity (volumes, formats, diffusion) a dedicated system has to be proposed for displaying and making accessible this huge archive of imagery, still growing every day.