Abstract

From last few years, there has been substantial work on video processing and wide improvements being carried out in video processing including resolutions and sensitivity. Despite these improvements, still there is a problem to capture a high dynamic range images and videos in low-light conditions especially when light is very low. If the intensity of noise is higher than the signal then the conventional denoising techniques cannot work properly. For the said problem there are many approaches being developed for low-light video enhancement but still Low contrast and noise remains a barrier to visually pleasing videos in low light conditions. To capturing videos in concerts, parties, social gatherings, and in security
monitoring situations are still an unanswered problem. In such conditions the video enhancement of low quality video is a really tedious job. This paper is elaborating a survey of different type of methods and technologies that have been used and implemented in the area of video enhancement. The study is further going on to find a technique so that more accuracy can obtained in video enhancement.

References

- Sandeep Mishra and Abanikanta Pattanayak, "Integrated Low Light Image Enhancement In Transportation System,"
With A New One," Siam Journal On Multiscale Modeling and Simulation, 490-530, 4, 2
(2005).
- Adrian Stern, Doron Aloni and Bahram Javidi, "Experiments With
Three-Dimensional Integral Imaging Under Low Light Levels," IEEE Photonics Journal,
Volume 4, Number 4, August 2012.
- Gary J. Sullivan, Fellow, Jill M. Boyce, Senior Member, YingChen, "Standardized
Extensions of High Efficiency Video Coding (HEVC)," IEEE Journal of Selected Topics In
- Nikos Deligiannis, Joeri Barbarien, Marc Jacobs, Adrian Munteanu, Athanassios Skodras
and Peter Schelkens, "Side-Information-Dependent Correlation Channel Estimation in
Hash-Based Distributed Video Coding," IEEE Transactions on Image Processing, Vol. 21,
No. 4, April 2012.
- Rickard Sjöberg, Ying Chen, Akira Fujibayashi, Miska M. Hannuksela, Jonatan
Samuelsson, Thiow Keng Tan, Ye-Kui Wang, and Stephan Wenger, "Overview of HEVC
High-Level Syntax and Reference Picture Management," IEEE Transactions On Circuits

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