

EXPERIMENT - 2

Experiments on DVR based CCTV Camera

Aim : To find the best image settings to get good natural color image.

➤ Varying Brightness

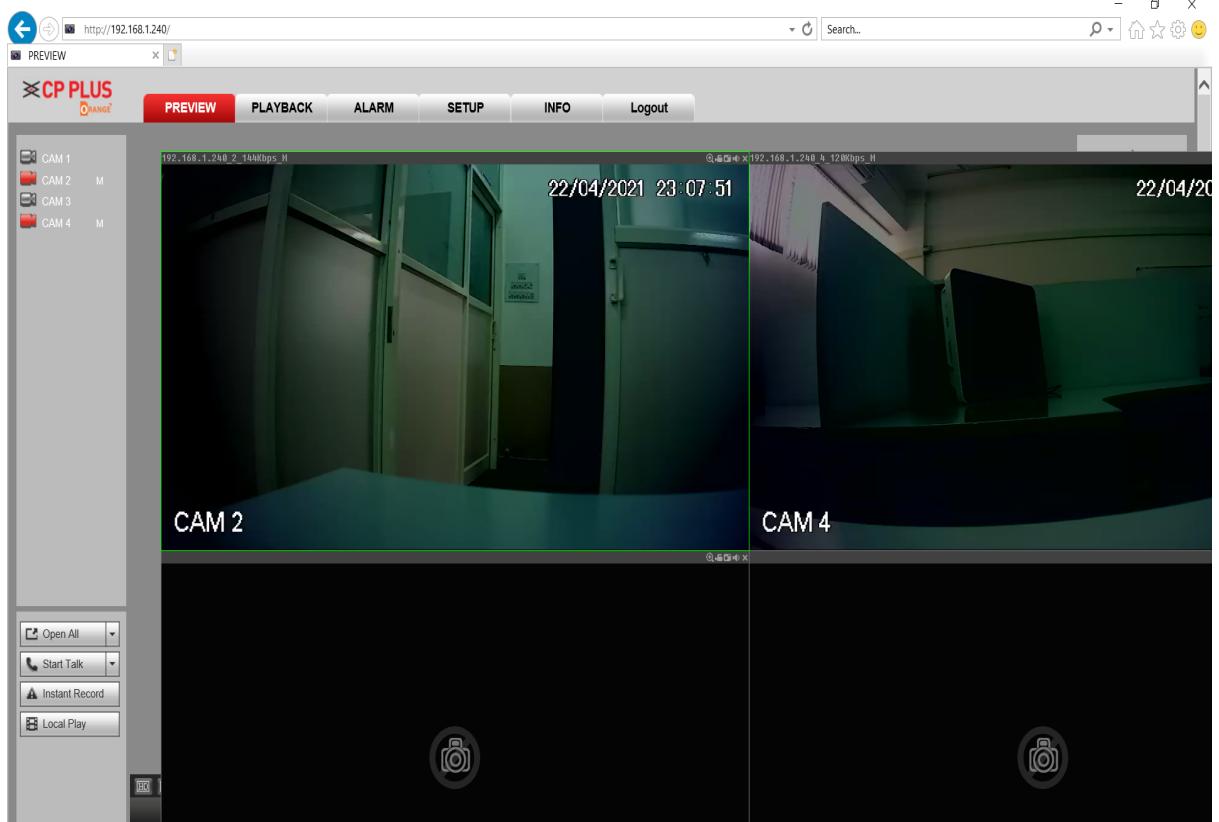


Fig 1 : Brightness at 0%

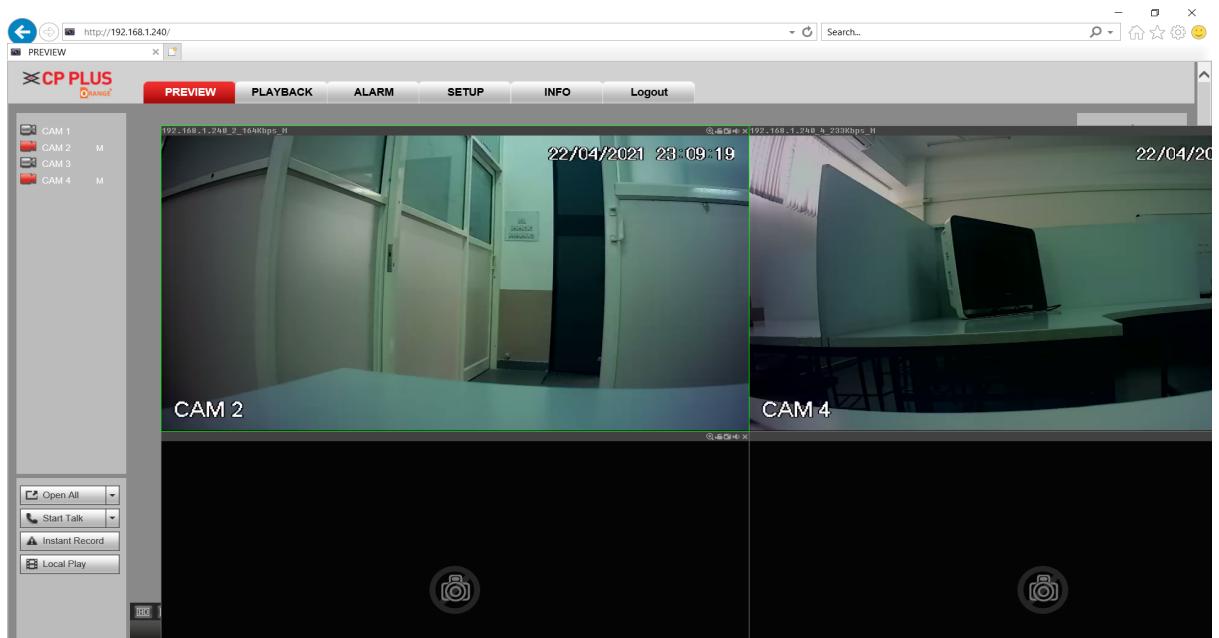


Fig 2 : Brightness at 25%

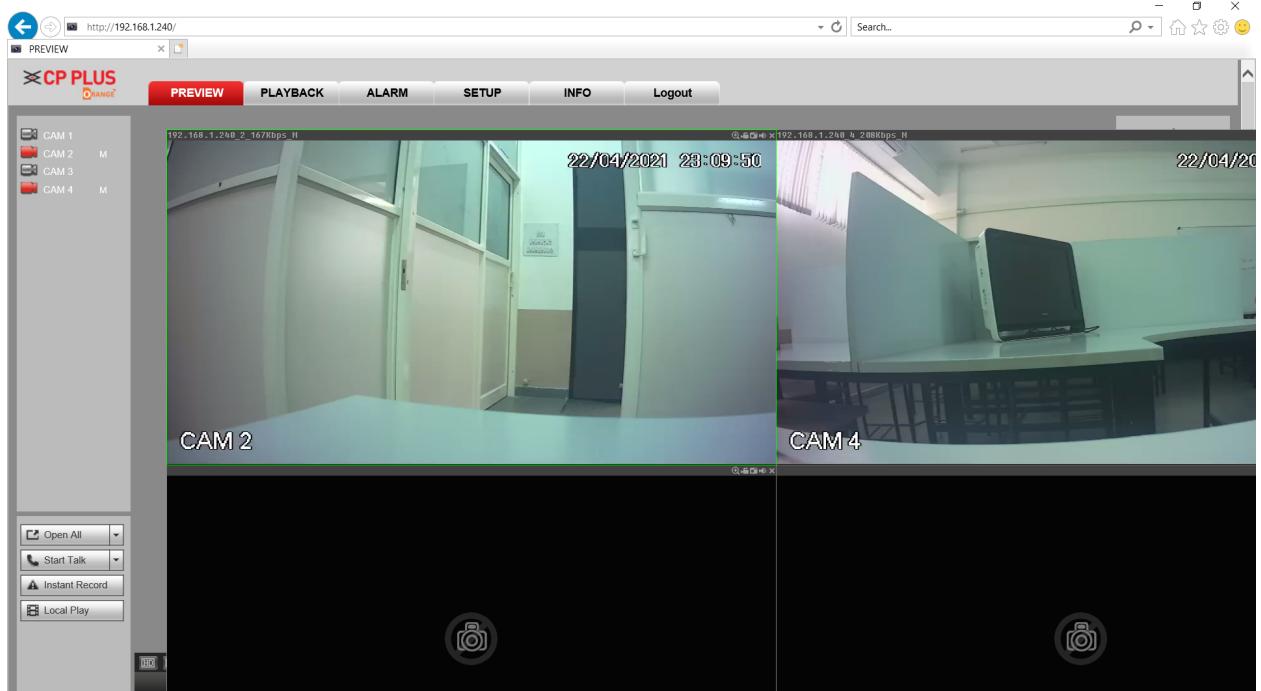


Fig 3 : Brightness at 50%

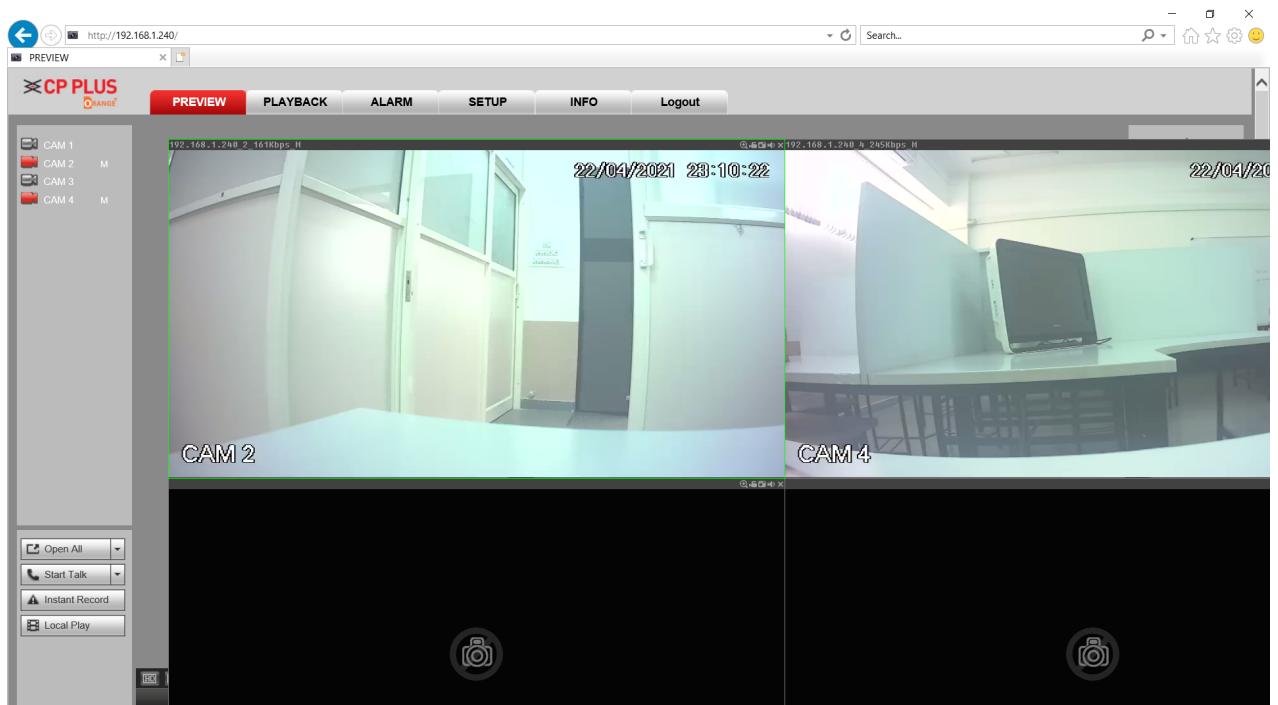


Fig 4 : Brightness at 75%

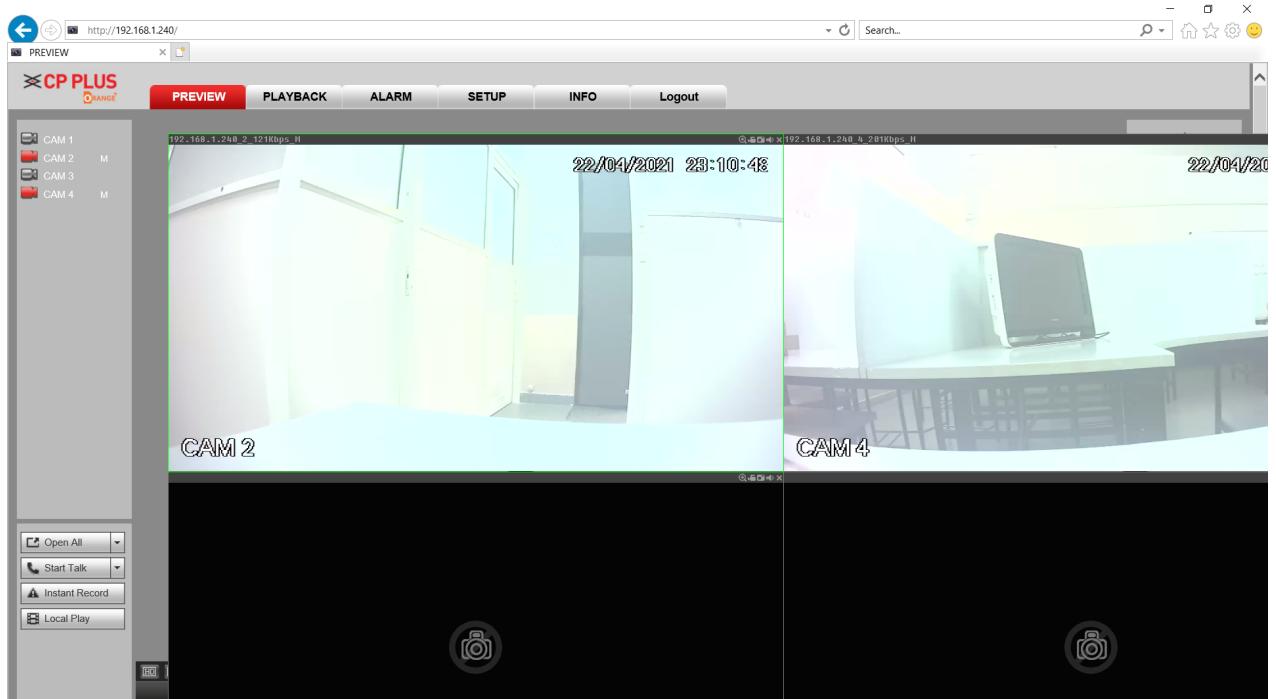


Fig 5 : Brightness at 100%

➤ Varying Contrast

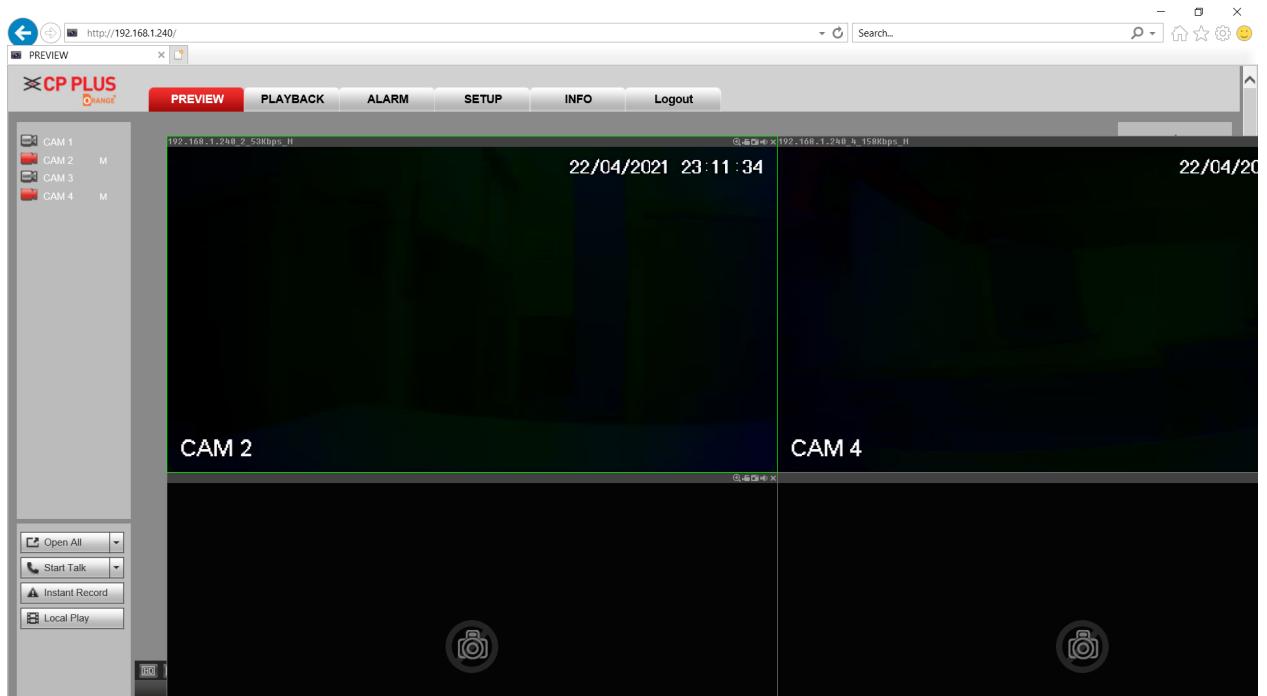


Fig 6 : Contrast at 0%

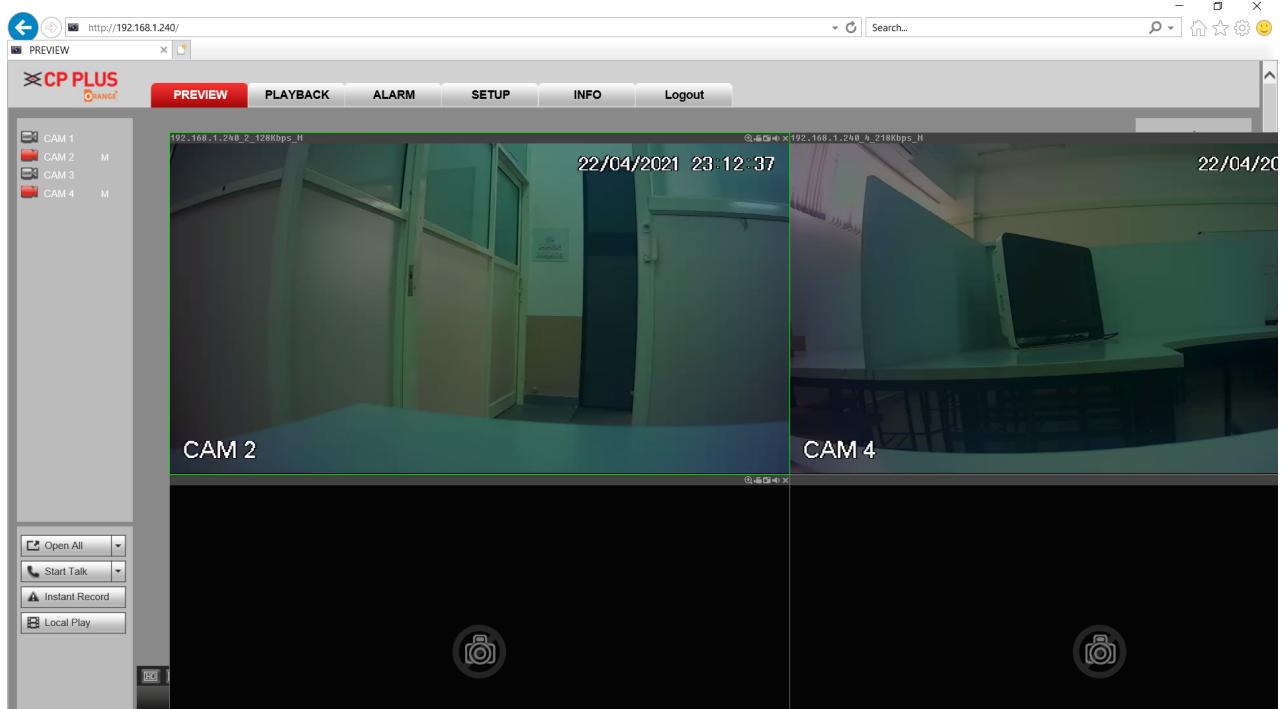


Fig 7 : Contrast at 25%

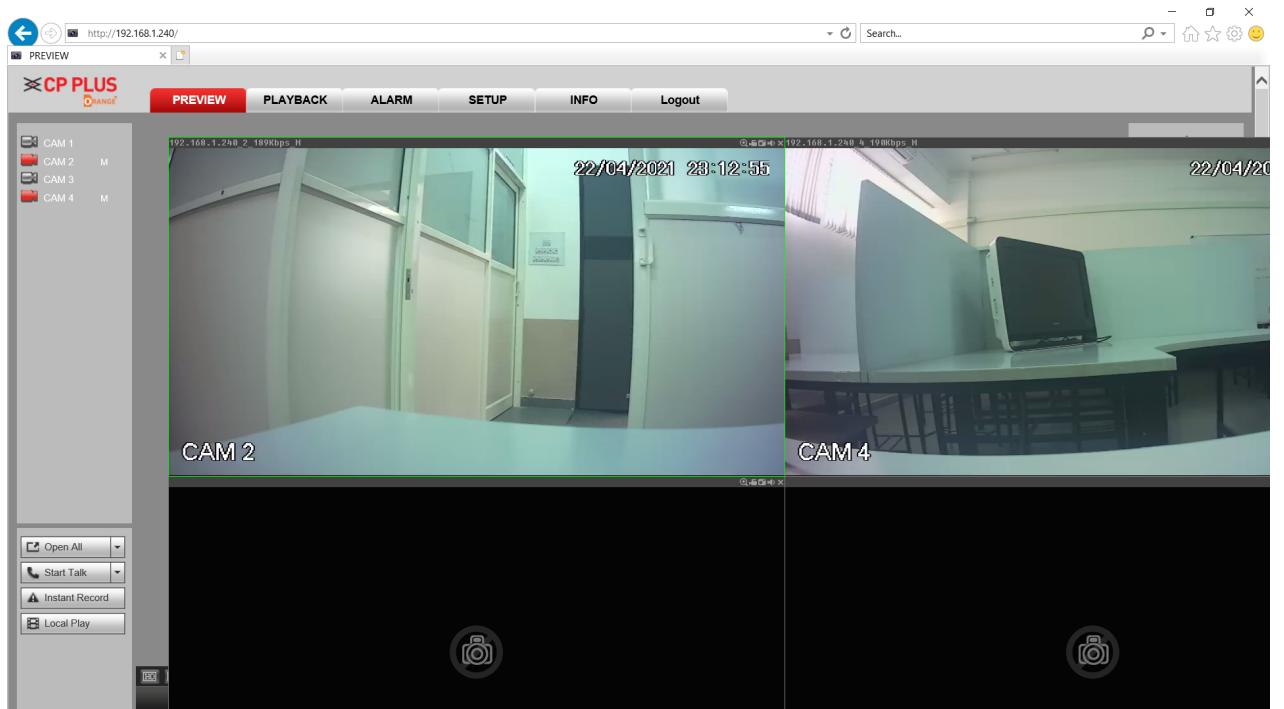


Fig 8 : Contrast at 50%

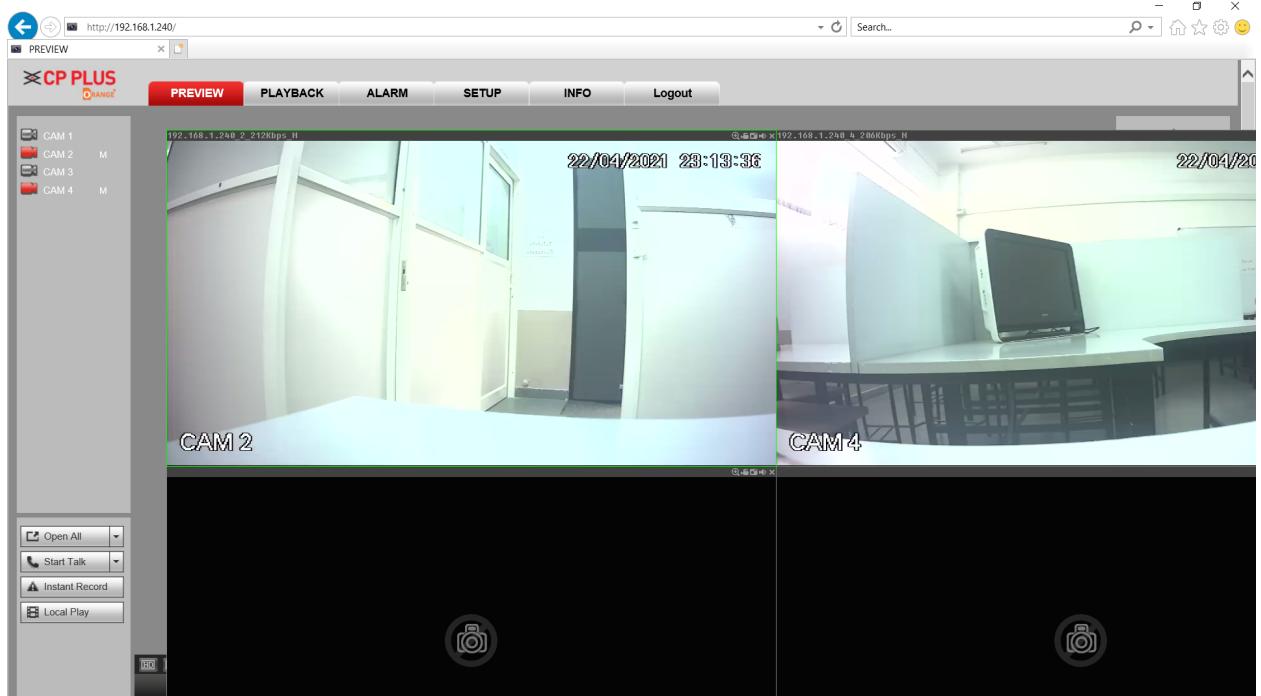


Fig 9 : Contrast at 75%

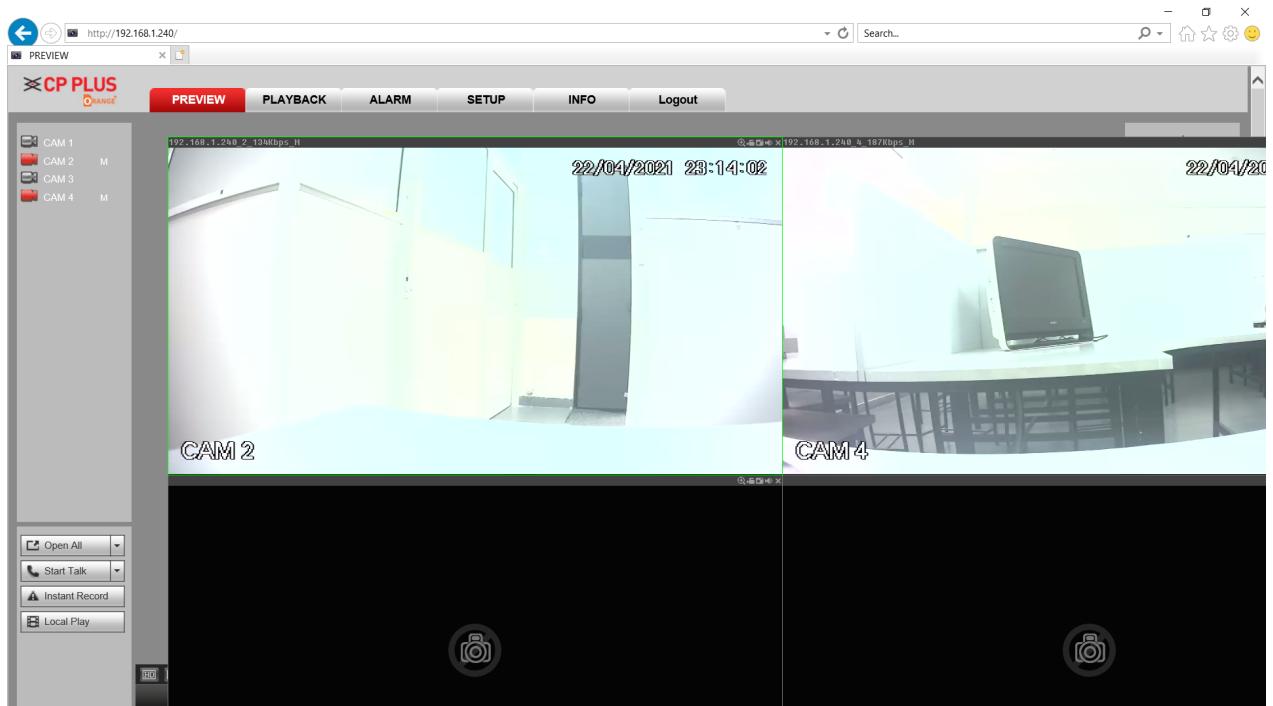


Fig 10 : Contrast at 100%

➤ Varying Saturation

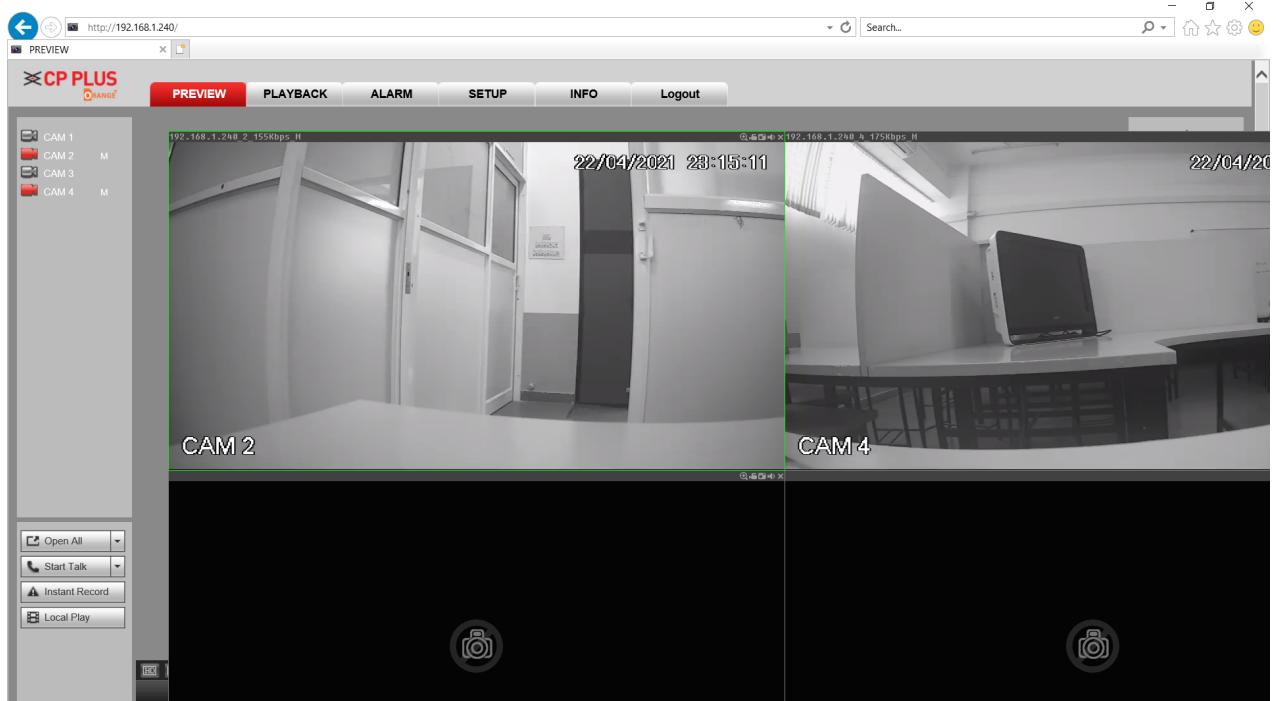


Fig 11 : Saturation at 0%

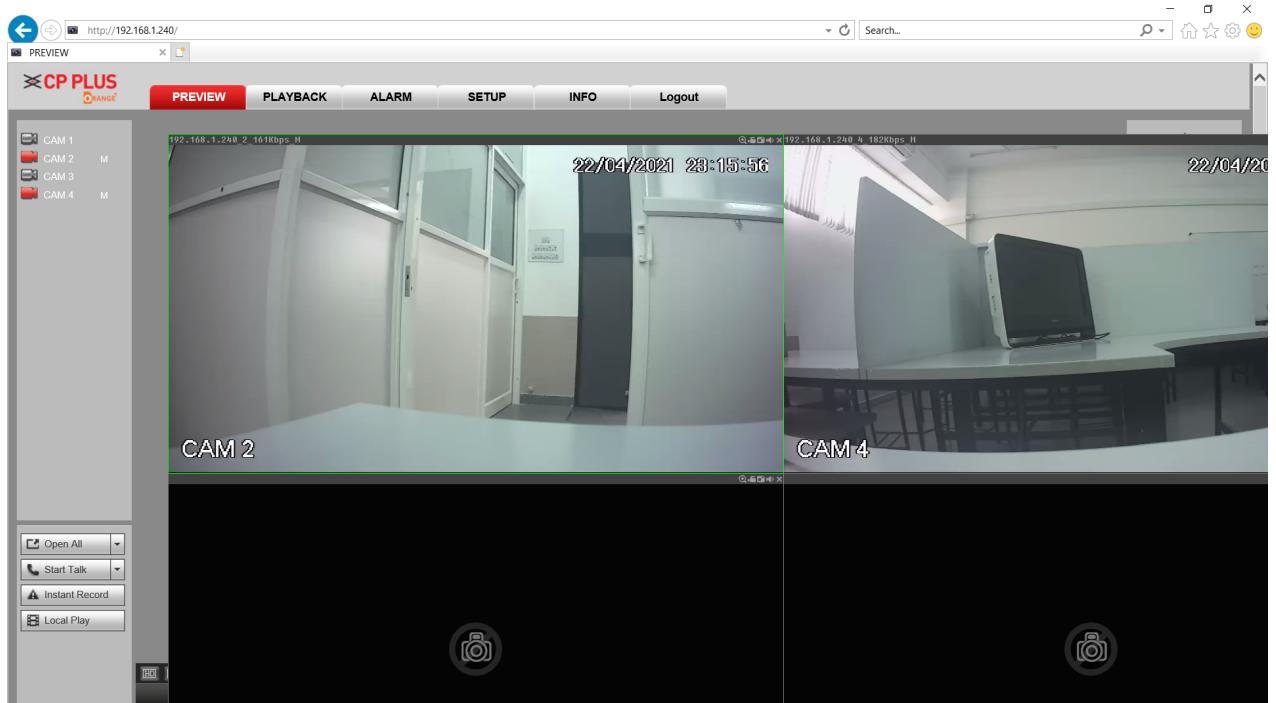


Fig 12 : Saturation at 25%

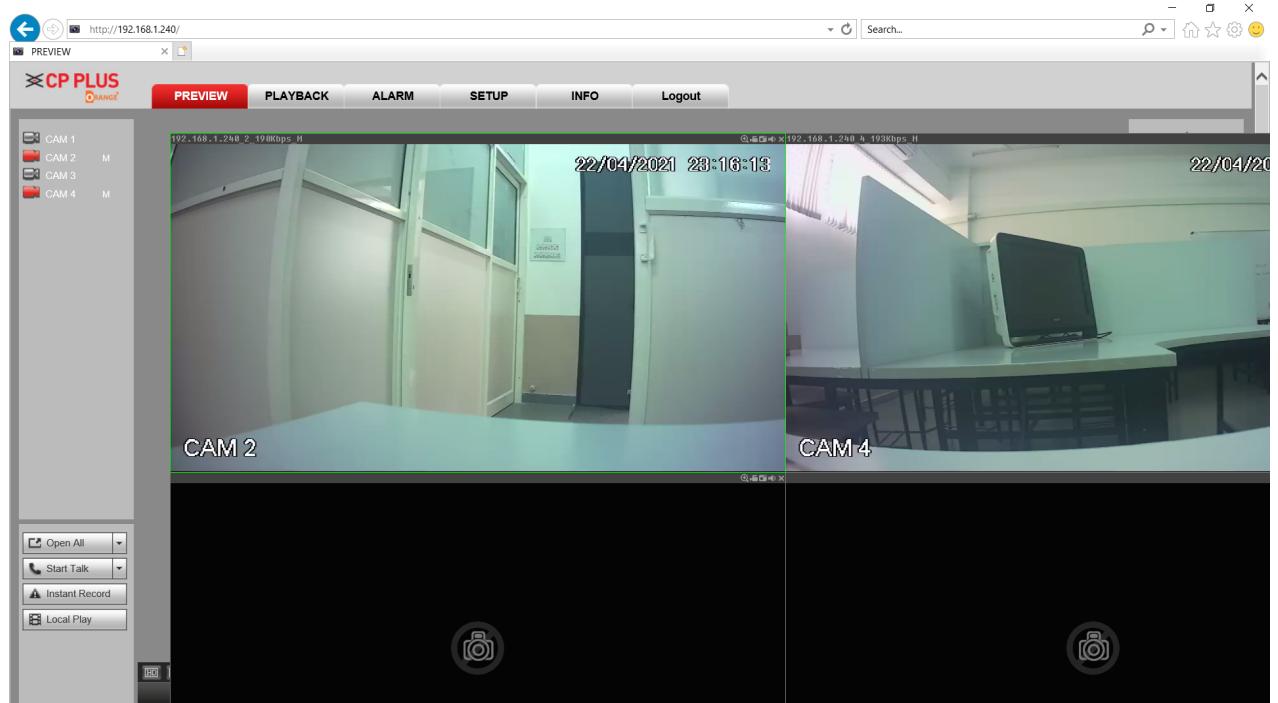


Fig 13 : Saturation at 50%

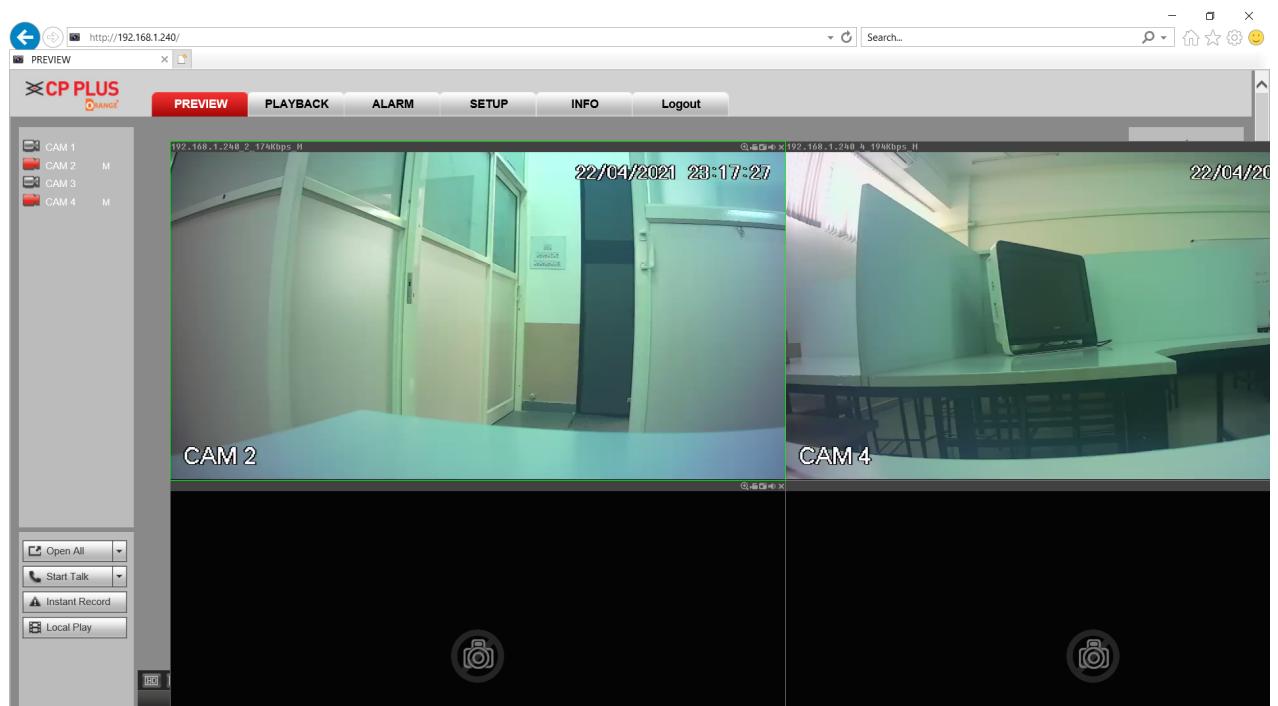


Fig 14 : Saturation at 75%

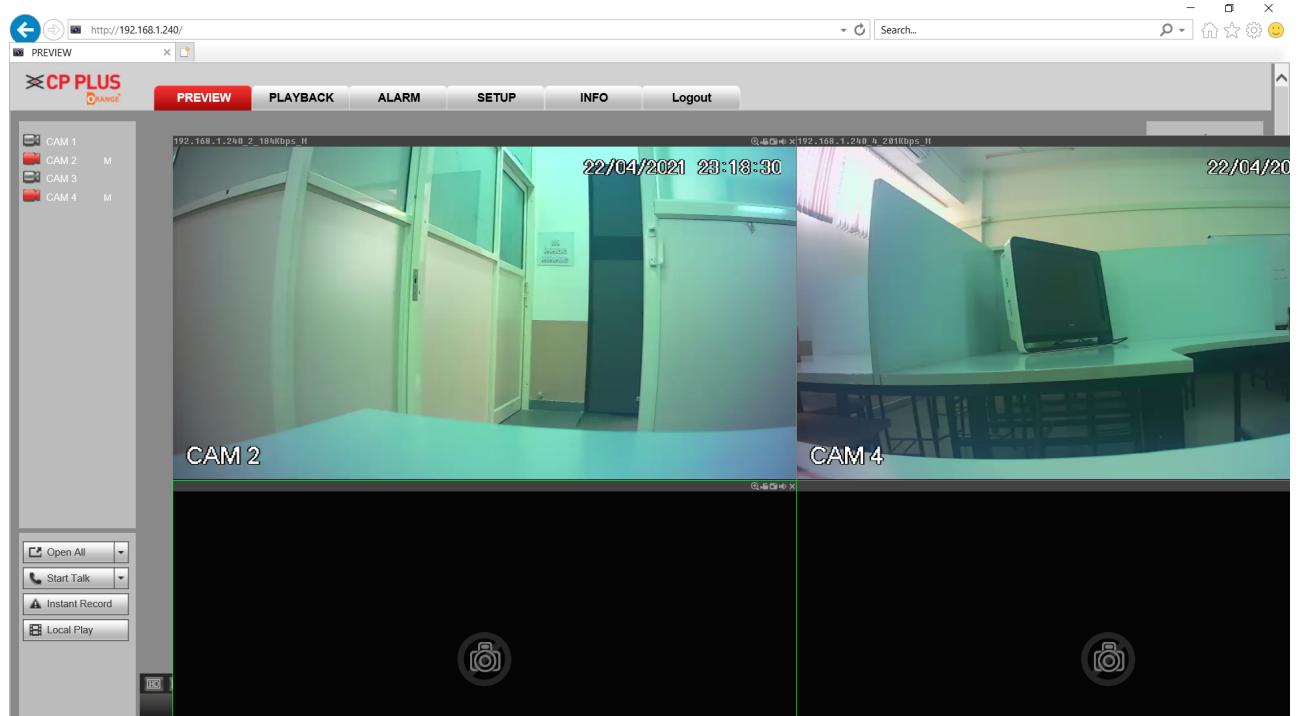


Fig 15 : Saturation at 100%

Conclusion :

Best settings to get good natural color image:

- Brightness at 75%
- Contrast at 50%
- Saturation at 50%