

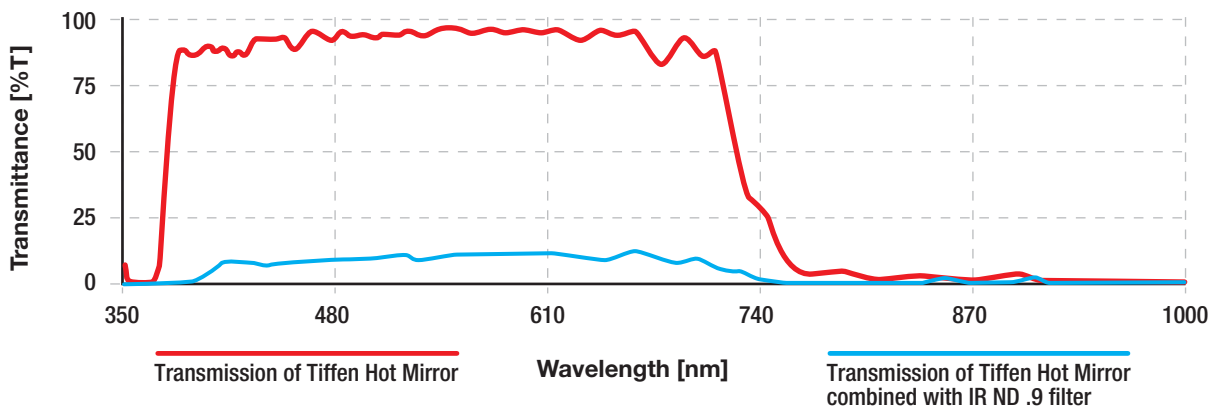


Hot Mirror and Hot Mirror IRND Filters

The Solution to IR Pollution

IR pollution is a significant issue in many of today's hi-definition cameras which are inherently sensitive to infra-red light, particularly those that do not incorporate an internal IR blocker (single CMOS cameras). The TIFFEN Hot Mirror Infra-Red Neutral Density (HMIRND) Combination filter is the COMPLETE solution to the IR pollution problem addressing this issue in both the Near IR and IR regions of the spectrum. Each HMIRND filter blocks unwanted IR light and has matched IR and ND components to assure accurate color reproduction in the near infra-red region. In addition, The Tiffen Hot Mirror (HM) filter is offered as a stand alone filter for those looking to block just the IR portion of the spectrum, with no appreciable loss of light transmission.

Tiffen Hot Mirror Comparison Chart



TIFFEN Hot Mirror and Hot Mirror IRND combination filters incorporate Tiffen's unique ColorCore™ technology that sandwiches the coating within the filter and allows for easy cleaning without fear of damaging the filter as with surface coated filters. These innovative new filters are made from the finest optically pure glass and are ground and polished to the highest possible standards of flatness and perfect parallelism.

Tiffen's Hot Mirror (HM) and Hot Mirror Infra-Red Neutral Density (HMIRND) Filters are available in popular motion picture sizes and 77mm wide angle. HMIRND Filters are available in 0.3, 0.6, 0.9, 1.2, 1.5, 1.8, and 2.1 Densities.

NOTE: TIFFEN Hot Mirror (HM) Filters can be stacked with TIFFEN Infra-Red Neutral Density (IRND) Filters - Introduced in 2007 - to achieve the same results as the all in one combination TIFFEN Hot Mirror Infra-Red Neutral Density (HMIRND) Filters.