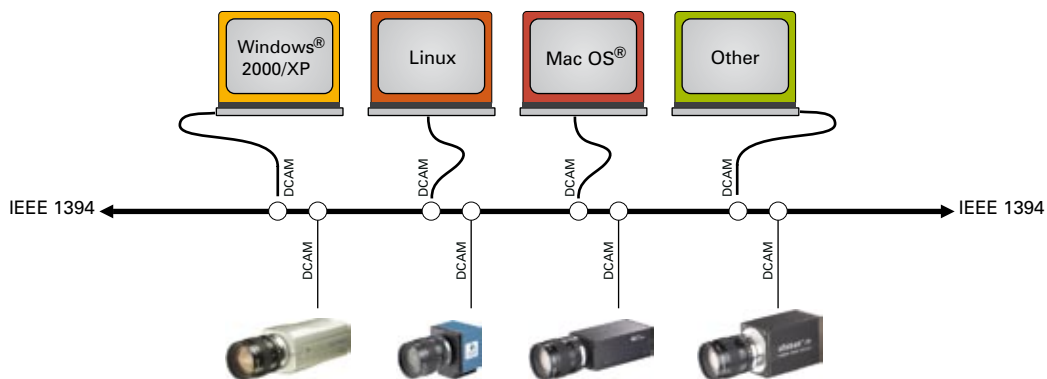


FireWire Cameras

What is DCAM / IIDC?



DCAM is a protocol that describes the exchange of data with IEEE 1394 cameras. It has been initiated by the working group IIDC of the 1394 Trade Association and is being constantly refined. IIDC stands for "Instrumentation & Industrial Digital Camera".

In contrast to the AV/C (Audio Video Control) protocol - widely used in the world of multimedia - DCAM defines the transmission of uncompressed video streams via the asynchronous channel of the IEEE 1394 bus. The transmission of audio is not provided. To give you an overview of the video formats defined in the DCAM specification, we have arranged them into the following table: [Bandwidth requirements for different video modes](#).

However, DCAM does not only define the video stream provided by the camera but also the camera's parametrization (for instance brightness, shutter, white balance, etc.). Please find further information in the white paper [FireWire Cameras - Adjusting the parameters](#).



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All weights and dimensions are approximate.