ABSTRACT OF THE DISCLOSURE

TELECOMMUNICATIONS SYSTEM INCORPORATING INTEGRATED CAMERA AND VIDEO COMPRESSION/ENCODING APPARATUS

A system providing video compression/encoding functions incorporates an integrated video apparatus which includes a camera for capturing an image, a frame grabber coupled to the camera for storing a bitmap of the image, and a video processor coupled to the frame grabber. The video processor is coupled to the system bus and to a dedicated memory and executes an algorithm which compresses the bitmap into an encoded bitstream. A central processing unit manages the transfer of the encoded bitstream from the video processor to the network utilizing a main memory coupled to the system bus.

Figure 2