Abstract

A broadband access means with a built-in video service unit. Said built-in video service unit transmits the stored video service to the user terminal through the broadband access means it belongs according to the request of user terminal. Said video service unit comprises a unicast storage module; a unicast forward module, for transmitting the video service stored in the unicast storage module to the user terminal according to the unicast request of the user; a unicast retransmission module, for responding the retransmission request of the user terminal and retransmitting the lost unicast video message to the user terminal; a multicast storage means, for caching the multicast video stream in real time; and a multicast retransmission module, for responding the retransmission request of the user terminal and retransmitting the lost unicast video message to the user terminal via unicast traffic.