Archived:Additional settings needed to run DevVideoRecord on N96 (Known Issue)

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To record a video on the Nokia N96, additional settings are needed as the N96 hardware is different from other Symbian devices.

Description

The N96 uses hardware codecs which require additional settings compared to other S60 devices. When the Archived:MDFDevVideo Record Symbian API is run on the Nokia N96, the application fails with the `KErrNotReady` (-18) error while calling `CMMFDevVideoRecord::WritePictureL()`, or with `KErrNotSupported` (-5) if the camera has been set as the video source with `CMMFDevVideoRecord::SetSourceCameraL()`.

How to reproduce

The Archived:MDFDevVideo Record Symbian API can be used to reproduce the problem on the Nokia N96.

Solution

To ensure that MDF DevVideo encoders work on the Nokia N96, call the `CMMFDevVideoRecord::SetRateControlOptions()` function in `MMMFDevVideoRecordObserver::MdvroInitializeComplete` before calling `CMMFDevVideoRecord::Start()`.

```
void CDevvideoExAppUi::MdvroInitializeComplete( TInt aError )
 {
 if ( aError != KErrNone )
   {
   // TODO: Handle errors
   return;
   }

 // Set rate control options
 TRateControlOptions rateCtrl;
 rateCtrl.iControl = EBrControlNone;
 rateCtrl.iPictureQuality = 0;
 rateCtrl.iBitrate = iBitRate;
 rateCtrl.iPictureRate = iFrameRate;
 rateCtrl.iQualityTemporalTradeoff = 0;
 rateCtrl.iLatencyQualityTradeoff = 0;
 iDvr->SetRateControlOptions( 0, rateCtrl );

 // Start encoding
 iDvr->Start();

 // Write first input picture
 iPicNum = 0;
 WritePic();
 }
```


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