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Magic Lantern firmware development

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Trammell Hudson View profile   More options Apr 22, 12:21 am

Thanks to an anonymous .net programmer, here are the
PTP commands
from the SDK:

```
        public const uint PtpNextPhase_NoData = 0;
        public const uint PtpNextPhase_ReadData = 1;
        public const uint PtpNextPhase_WriteData = 2;
        public const int PtpOpe_CLOSE_SESSION =
0x1003;
        public const int PtpOpe_DELETE_OBJECT =
0x100b;
        public const int PtpOpe_DS_CANCELTRANSFER =
0x9118;
        public const int PtpOpe_DS_CREAGE_OBJECT =
0x9112;
        public const int PtpOpe_DS_DELETE_OBJECT =
0x9105;
        public const int PtpOpe_DS_FAPI_MESSAGERX =
0x91ff;
        public const int PtpOpe_DS_FAPI_MESSAGETX =
0x91fe;
        public const int PtpOpe_DS_FORMAT_STORE =
0x9106;
        public const int PtpOpe_DS_GET_DEVICEINFOEX =
0x9108;
        public const int PtpOpe_DS_GET_EVENT =
0x9116;
        public const int PtpOpe_DS_GET_OBJECT =
0x9104;
        public const int PtpOpe_DS_GET_OBJECTINFO =
0x9103;
        public const int PtpOpe_DS_GET_OBJECTINFOEX =
0x9109;
        public const int PtpOpe_DS_GET_OBJECTTIME =
0x910d;
        public const int PtpOpe_DS_GET_PARTIALOBJECT
= 0x9107;
        public const int PtpOpe_DS_GET_REMOTEMODE =
```

```
0x9113;
        public const int PtpOpe_DS_GET_STORAGEIDS =
0x9101;
        public const int PtpOpe_DS_GET_STORAGEINFO =
0x9102;
        public const int PtpOpe_DS_GET_THUMB_EX =
0x910a;
        public const int PtpOpe_DS_KEEPDEVICE_ON =
0x911d;
        public const int PtpOpe_DS_PCHDDCAPACITY =
0x911a;
        public const int PtpOpe_DS_REMOTE_RELEASE =
0x910f;
        public const int PtpOpe_DS_RESET_UILOCK =
0x911c;
        public const int PtpOpe_DS_RESETTRANSFER =
0x9119;
        public const int PtpOpe_DS_SEND_OBJECTEX =
0x9111;
        public const int
PtpOpe_DS_SEND_PARTIAL_OBJECT = 0x910b;
        public const int
PtpOpe_DS_SET_DEVICEPROPVALUEEX = 0x9110;
        public const int PtpOpe_DS_SET_EVENTMODE =
0x9115;
        public const int PtpOpe_DS_SET_NULLPACKETMODE
= 0x911e;
        public const int
PtpOpe_DS_SET_OBJECTATRIBUTES = 0x910c;
        public const int PtpOpe_DS_SET_OBJECTTIME =
0x910e;
        public const int PtpOpe_DS_SET_REMOTEMODE =
0x9114;
        public const int PtpOpe_DS_SET_UILOCK =
0x911b;
        public const int PtpOpe_DS_TRANFERCOMPLETE =
0x9117;
        public const int PtpOpe_DS_UPDATE_FIRMWARE =
0x911f;
        public const int PtpOpe_GET_DEVICEINFO =
0x1001;
        public const int PtpOpe_GET_NUMOBJECTS =
0x1006;
        public const int PtpOpe_GET_OBJECT = 0x1009;
        public const int PtpOpe_GET_OBJECTHANDLES =
0x1007;
        public const int PtpOpe_GET_OBJECTINFO =
0x1008;
        public const int PtpOpe_GET_PARTIALOBJECT =
0x101b;
        public const int PtpOpe_GET_STORAGEIDS =
0x1004;
        public const int PtpOpe_GET_STORAGEINFO =
0x1005;
        public const int PtpOpe_GET_THUMB = 0x100a;
        public const int PtpOpe_OPEN_SESSION =
```

```
0x1002;
        public const int PtpOpe_SEND_OBJECT = 0x100d;
        public const int PtpOpe_SEND_OBJECTINFO =
0x100c;
        public const int PtpOpe_UNDEFINED = 0x1000;
```

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Trammell

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Curt von Badinski View profile   More options Apr 22, 6:02 am

Very handy, thanks Trammell!

On Wed, Apr 21, 2010 at 4:21 PM, Trammell Hudson
<hud...@osresearch.net>wrote:

- Show quoted text -

--
Curt von Badinski
Maker of Things

--
http://magiclantern.wikia.com/

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pel View profile   More options Apr 22, 8:49 pm

A few more from the EDSDK.dll

```
DS_TRANFERCOMPLETE_DT = 0x9120;
DS_CANCELTRANSFER_DT = 0x9121;
DS_INITIATEVIEWFINDER = 0x9151;
DS_TERMINATEVIEWFINDER = 0x9152;
DS_GETVIEWFINDERDATA = 0x9153;
DS_DRIVELENS = 0x9155;
DS_DEPTHOFFIELDPREVIEW = 0x9156;
```

```
DS_CLICKWB = 0x9157;
DS_ZOOM = 0x9158;
DS_ZOOM_POSITION = 0x9159;
DS_SETLIVEAF_FRAME = 0x915a;
DS_SETWFTPROFILE = 0x9122;
DS_GETWFTPROFILE = 0x9123;
DS_SETPROFILETOWFT = 0x9124;
DS_BULB_START = 0x9125;
DS_BULB_END = 0x9126;
DS_REQUESTDEVICEPROPVALUE = 0x9127;
DS_REMOTERELEASEON = 0x9128;
DS_REMOTERELEASEOFF = 0x9129;
DS_DOAF = 0x9154;
DS_AFCANCEL = 0x9160;
DS_FAPI_MESSAGETX = 0x91fe;
DS_FAPI_MESSAGERX = 0x91ff;
DS_REGISTBACKGROUNDIMAGE = 0x912a;
DS_CHANGEPHOTOSTADIOMODE = 0x912b;
DS_GETPARTIALOBJECTEX = 0x912c;
DS_RESETMIRRORLOCKUPSTATE = 0x9130;
DS_POPUPBUILTINLFLASH = 0x9131;
DS_ENDGETPARTIALOBJECTEX = 0x9132;
DS_MOVIESELECTSWON = 0x9133;
DS_MOVIESELECTSWOFF = 0x9134;
```

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Curt von Badinski View profile   More options Apr 22, 11:48 pm

Found this EDSDK API reference online... might be of
use to someone...
http://mydiscworld.com/user_pdf/40.pdf

-Curt

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Antony Newman View profile   More options Apr 23, 2:30 pm

Great find Curt.

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