

Fax Server HttpApi

V1.1

1 Function Description

- 1.1 Multiple login with the same account
- 1.2 Check the status sending&sent fax
- 1.3 Delete sending&sent fax
- 1.4 Login and send fax at the same time

2 httpApi Parameters

The link format about passing paramters to fax server by http:

[http://\[fax server IP\]/cgi-bin/\[cgi-name\]?\[param1=***\]&\[param2=***\]&...\[paramn=***\]](http://[fax server IP]/cgi-bin/[cgi-name]?[param1=***]&[param2=***]&...[paramn=***])

2.1 Login to check the status or delete fax(parameters pass to ed3.cgi):

Parameters	Value	Type	Description
cgi-name	ed3.cgi	String	Is needed and should not be empty
page_charset	iso-8859-1	String	language of fax server used
pagename	108	Number	Web index page
userid	user	String	Login ID of fax user ; Is needed and should not be empty
userpwd	123456	String	Password of fax user ; Is needed and should not be empty
faxid	10000	String	FaxID; Is needed and should not be empty
faxstatus	1 or 0	Number	Enable(1) or disable(0:do onthing) to check status;
faxdelete	1 or 0	Number	Enable(1) or disable(0:do nothing) to delete sent fax or cancel sending fax job;

2.1.1 For example:

1) Login with ID 'user' to check the status which faxID is '10001'

http://192.168.1.200/cgi-bin/ed3.cgi?page_charset=iso-8859-1&pagename=108&userid=user&userpwd=123456&faxid=10001&faxstatus=1

2) Login with ID 'user' to delete fax which faxID is '10001'

http://192.168.1.200/cgi-bin/ed3.cgi?page_charset=iso-8859-1&pagename=108&userid=user&userpwd=123456&faxid=10001&faxdelete=1

2.1.2 To do login and send directly on the web page, please input link format as:

[http://\[myFax IP\]/cgi-bin/ed3.cgi?page_charset=iso-8859-1&pagename=110](http://[myFax IP]/cgi-bin/ed3.cgi?page_charset=iso-8859-1&pagename=110)

2.2 Login to send fax and get the result(parameters pass to send.cgi):

Parameters	Value	Type	Description
cgi-name	send.cgi	String	Is needed and should not be empty
page_charset	iso-8859-1	String	language of fax server used
pagename	109	Number	Web index page
userid	user	String	Login ID of fax user ; Is needed and should not be empty
userpwd	123456	String	Password of fax user ; Is needed and should not be empty
faxid	10000	String	FaxID; Is needed and should not be empty
file0	Upload file name	String	File should be uploaded from http
file1	Upload file name	String	
file2	Upload file name	String	
dialPrefix		String	Dial Prefix ,set in the 'User Preset'
num	87654321	String	Fax number
sender1	.	String	Sender name (<=45 characters)
sender2	.	String	Sender company (<=45 characters)
receiver1	.	String	Receiver name (<=45 characters)

receiver1	.	String	Receiver company (≤45 characters)
extra_tag		String	Advertising (≤90 characters)
queue	0 or 1	Number	TagLine format; 0:Sender first; 1:Recipient first
dials	1~12; default:3	Number	Dial times;
retrytime	0~5; default:0	Number	Redial intervening;
tries	0~10; default:3	Number	Retry times
lifetime	0~5; default:0	Number	Validity, delete the fax if it does not complete in the indicated <i>time</i>
priority	0 or 1 or 2; default:1	Number	Priority to send out
quality	0 or 1 or 2; default:1	Number	The resolution level
modem	any,ttyS4,ttyS5,... ttyS[[lines-1+4]; ttyX[[lines-1+2] default:any	String	The fax line;any:any; ttyS4:Fax1;ttyS5:Fax2; ttyS6:Fax3;ttyS7:Fax4; ttyX0:FOIP1;ttyX1:FOIP2
sendfax_ok	Send	String	To send
usecover	0 or 1	Number	Enable(1) or disable(0) to use cover sheet; If enabled,'coverindex' should be set also
coverindex	0~[coversheets-1]	Number	Index of cover sheet
faxre		String	The value of 'Re:' field in the cover sheet
comments		String	The comments in the cover sheet
delay	0 or 1	Number	Enable(1) or disable(0) the shedule time to send; If enabled,'month,date,hour,min' are needed to set
month	1~12	Number	Month
date	1~31	Number	Date

hour	0~23	Number	Hour
min	0~59	Number	Minute

To do login and send directly on the web page, please input link format as:

[http://\[myFax IP\]/cgi-bin/ed3.cgi?page_charset=iso-8859-1&pagename=110](http://[myFax IP]/cgi-bin/ed3.cgi?page_charset=iso-8859-1&pagename=110)

3 Reply message for httpApi functions

Reply messages are format as:

[KeyWord1=<value>,<desc1>,<desc2>,...];[KeyWord2=<value>,<desc1>,<desc2>,<desc2>,...];...[KeyWordn=<value>,<desc1>,<desc2>,...]

All replies are embedded inside <body></body>, without any javascript or css.

Delimiters:

- 1) Equal sign '=' is used to separate the keyword and value
- 2) semi-colon ';' is used to separate each pair of keyword/value
- 3) comma ',' is used to separate extra information in value

3.1 Keywords of replay messages

KeyWords	Description
File1	The basic filename of param 'file0' set
File2	The basic filename of param 'file1' set
File3	The basic filename of param 'file2' set
Faxid	Generated after a fax submitted successfully
Status	Sent status
SentTime	The time when fax submitted
Warning	Generated after a fax submitted
Error	Error code

Note: KeyWords 'SentTime' and 'Warning' are append after keyword 'Status' separated by comma ','.

3.2 Types of formats of replay messages

1) Replies when login and check the status or delete fax done

No status got or no fax deleted(for login failed or no faxid):
<i>Error=<error code>,<error1>,<error2>,...,<errorn></i>
e.g.: Error=105,login failed,password error
Get status(faxid error or doesn't exist):
<i>Faxid=<jobid>;Status=<fax status>; Error=<error code>,<error1>,<error2>,...,<errorn></i>
e.g.: Faxid=21999;Status=None;Error=203,no status found,jobid error or sent history was cleared or Faxid=10430;Status=Delete failed;Error=151, job does not exist
Get status:
<i>Faxid=<jobid>;Status=<sent status>,SentTime=<year-month-day hour:min:sec></i>
e.g.: Faxid=22222;Status=History Sent:Sent failed,No carrier detected,SentTime=2010-08-25 08:52:55

2) Replies when login and send a fax done

No submit(for no file uploaded or params error):
<i>Error=<error code>,<error1>,<error2>,...,<errorn></i>
e.g.: Error=103,login failed,account does not exist or Error=301,parameter error,no number
Submit failed(for file error or other reasons)
<i>File1=<filename>;Error=<error code>,<error1>,<error2>,...,<errorn></i>
e.g.: File1=test.tif;Error=303,File1: file type error,should be as .pdf/.tif/.tiff/.ps
Submit failed
<i>File1=<filename>;Status=<sent status>;Error=<error code>,<error1>,<error2>,...,<errorn></i>
e.g.: File1=sndlog.pdf;File2=sample.tif;Status=Sent failed;Error=303, File1: Can not determine file type
Submit failed also with warning
<i>File1=<filename>;Status=<sent status>,Warning=<warning1>,<warning2>,...,<warningn>;<Error=<error code>,<error1>,<error2>,...,<errorn></i>
e.g.: File1=sample.tif;File2=sndlog.pdf;Status=Sent failed,Warning=TIFFReadDirectory: File1: unknown field with tag 33000 (0x80e8)encountered;Error=303, File2: Can not determine file type

Submit done
Faxid=<jobid>;Status=<sent status>,SentTime=<year-month-day hour:min:sec>
e.g.: File1=faxtest.pdf;Faxid=22265;Status=Sent done,SentTime=2010-08-27 08:44:27
Submit done,with warning
File1=<filename>;Faxid=<jobid>;Status=<sent status>,SentTime=<year-month-day hour:min:sec>,Warning=<warning1>,<warning2>,...,<warningn>
e.g.: File1=mssample.TIF;Faxid=22269;Status=Sent done,SentTime=2010-08-27 09:02:43,Warning=TIFFReadDirectory: File1: unknown field with tag 37679 (0x932f) encountered, unknown field with tag 37680 (0x9330) encountered, unknown field with tag 37681 (0x9331) encountered

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Change Log
Firmware should be V232c or heigher
Fields: sender1/sender2//receiver1/receiver2 can support 45 characters;
Field 'extra_tag' can support 90 characters.