Fasttel Integration

Supported models FT600SIPVC and FT600KSIPVC



Call Setup

- 1. Find door station with discovery tab or network scanner.
- 2. Sign in to door station with user name and password 'admin'.
- 3. Assign a static IP address by selecting 'Network' and 'Basic' and filling in the fields as required.
- 4. Select 'Account' and 'Basic' from the left hand tab.
- 5. Under user name, name the station how you want it to pull in to the ELAN system. Enter the IP address of the ELAN controller under 'Preferred SIP Server' and 'Outbound Proxy Server'.

(Image is an example, please use your controller's address here)

2		Account-Basic								
Door Entry Systems		SIP Account								
F1600	JK	Status	Registered	Account	Account 1 👻					
i	Status ~	Account Enabled	0	Display Label						
Q	Intercom V		•	Dispisy Lover						
	_	Display Name		Register Name						
9	Account ^	User Name	ELAN	Password	*******					
	Advanced	Preferred SIP Se	rver							
ĸ	Network 🗸	Server IP	192.168.0.23	Port 5060	(1024~65535)					
•	Phone 🗸	Registration Period	1800	(30~65535s)						
		Alternate SIP Se	rver							
4 7	Contacts ~	Server IP		Port 5060	(1024~65535)					
6	Upgrade 🗸 🗸	Registration Period	1800	(30~65535s)						
	Fogurity	Outbound Proxy Server								
Ų	security V	Outbound Enabled		1						
		Server IP	192.168.0.23	Port 5060	(1024~65535)					

6. Next, go to 'Intercom' and 'Basic' from the left column. Change the 'Apply Keypad for' option to 'PIN'. Change call type to 'Sequence Call'. Under 1st call enter the name you gave the system under step 5 @the IP address of the Controller (see example in the following image). This allows the Bell button on the intercom to ring direct without having to assign a dial number to it.

Í a c Hol	Intercom-Basic		
Door Entry Systems	KeyPad Setting		
FT600K	Apply Keypad For PIN		
i Status	Manager Dial		
] Intercom	Call Type Sequence Cal	Call Timeout (Sec)	60 v
Basic	(If the local group is not blank, then only the local nu	nbers will be called.)	
User	Se	quence Call Number(Local)	
Schedule	1st Call	ELAN@192.16	8.0.23
PIN Setting	2nd Call		
LED Setting			
Relay	3rd Call		
Input	4th Call		
Wiegand	5th Call		
Live Stream	6th Call		
RTSP	7th Call		
ONVIF			
Action	Sth Call		

7. At the bottom of the 'Intercom' basic page set timeout on 'hang up after open door' to 0.

🔥 Upgrade 🛛 🗸	HTTP URL			9					
🗊 Security 🗸 🗸	Web Call(Ready)	Web Call Number	Auto 👻	Dial Out	Hang Up				
	Max Call Time								
	Max Call Time	5	(2~30 Min)						
	Max Dial Time								
	Dial In Time	60	(5~120 Sec)						
	Dial Out Time	60	(5~120 Sec)						
	Hang Up After Ope	en Door							
	Туре	DTMF Or HTTP	~						
	Time Out	0)~15 Sec)						
	1.1	Submit		Cancel					
		Jabint		Cancer					

8. Intercom should now be intergrated as per ELAN integration notes.

Camera Config

- 1. Go to 'Intercom' and 'RTSP' from the left column.
- 2. Configure user name and password if a change from default is required (default is admin and admin). This will also need to be changed under the ONVIF tab as well.
- 3. Configure the camera streams as per attached image (the second stream is an H264 as our testing found this to be more stable in producing a working thumbnail, official ELAN line is that this should be MJPEG).
- 4. Under 'Intercom' 'ONVIF' make sure it is set as discoverable and match user name and password with the settings from the RTSP settings.
- 5. Pull camera feed into ELAN as per normal ONVIF camera.

4		RTSP					
Doc	or Entry Systems	RTSP Basic					
FIGU	JUK	Enabled			RTSP Authorization Enabled		
i	Status ~	MJPEG Authorization Enabled			Authentication Mode	Basic	~
ļ.	Intercom ^	User Name	ad	min	Password	******	
	Basic	RTSP Stream					
	User	Audio Enabled			Video Enabled	6	
	Schedule	2nd Video Enabled			Audio Codec	PCMU	~
	PIN Setting	Video Codec	H.2	64 ~	2nd Video Codee	H.264	~
	LED Setting	H.264 And H.265 Vi	deo Param	eters			
	Relay	Mide Developing	108	OD	37.4	16.6.	
	Input	video Resolution	108	UP V	video Framerate	15 tps	*
	Wiegand	Video Bitrate	2048	kbps 👻	2nd Video Resolution	VGA	~
	Live Stream	2nd Video Framerate	15 1	fps 👻	2nd Video Bitrate	1024 kbps	~
1.1	RTSP	MJPEG Video Param	ieters				
	ONVIF	Enabled			Video Resolution	VGA	~

6. Once integrated to ELAN check ONVIF settings have populated correctly. If the low quality stream has not populated add manually.

Fasttel												
<none></none>												
40017												
Enabled												
Ok												
aviF Settings												
High-Capability Mode Set										_	Add	Remove
Name	Profile	Encoder	Format		Fram	Bitrate	Enc.Int	Qual	Gov	h264	xport	Default
2 MP (16:9)	Profile_Token P	<default></default>	H264 1920 x 1080		15	2048	1	3	30	Baseline	TCP	3
1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2												1
Low-Capability Mode Set										-	ADD	Remove
Name	Profile	Encoder	Format		Fram	Bitrate	Enc.Int	Qual	Gov	h264	xport	Default
My Config	Profile_Token_2	. <default></default>	H264 640 x 480		15	2048	4	3	30	Baseline	TCP	
Video Source				-								10
										_	Cancel	OK
		_		_	-	_	_	_	_	_	-	
	a Fastici Fastici F NONE > 40017 Enabled Ok WIF Settings High-Capability Mode Set Name Z MP (16:9) Low-Capability Mode Set Name My Config Wide Source	a Fastlel Football Football Football Charled Ok WIF Settings High-Capability Mode Set ZMP (16:9) Profile_Token (P Name None VMP (16:9) Profile_Token (P Name Ny Config Profile_Token_2 (a Fastici Fastici • NONE > 40017 • Enabled • Ok • WYF Settings + Igh-Capability Mode Set Name Profile_Token (P 4DEFAULT> 2 NP (16:9) Profile_Token (P 4DEFAULT> tow-Capability Mode Set Name Profile_Token_2.1 4DEFAULT>	a Fastici Fastici • NONE > 40017 • Enabled • Ok • WF Settings High-Capability Mode Set Name Profile_Token P <default> 2 NP (16:8) Profile_Token P <default> None Profile_Token _2 <default> Name Profile_Token _2 <default> Vide Sauce</default></default></default></default>	Fasttel FNONE > 40017 Enabled Ok Ok VIF Settings Hgh-Capability Mode Set Name Profile ZNP (35:5) Profile Profile_Token P CDEFAULT> Hgh-Gapability Mode Set Name Profile Name Profile Norde Profile_Token 2 Video Source Video Source	Fastlel FNONE > 40017 Enabled Ok VVF Settings High-Capability Mode Set Name Profile Z NP (16:8) Profile_Token [P <default> Home Profile_Token [P <default> VAC capability Mode Set Name Profile_Token [P <default> Home Profile_Token_2 [<default> My Config Profile_Token_2 [<default> Videe Source </default></default></default></default></default>	Fasttel Fasttel FNONE > 40017 Enabled Ok VVF Settings High-Capability Mode Set Name Z NP (16:5) Profile_Token (P OEFAULT> Hode Set Name Profile_Token (P OEFAULT> H264 1920 x 1080 15 2048	Fastel FNONE > 40017 Enabled Ok VVF Settings Hgh-Capability Mode Set Name Profile 2 NP (16:5) Profile Profile Encloder YPR (16:5) Profile Down Capability Mode Set Name Profile Norder Format Norder Format Norder Profile Norder Format Norder Profile Norder Profile Vide Source Vide Source	a Fastici Fastici NONE > Q017 Enabled Ok Ok VVF Settings High-Capability Mode Set Name Profile ZNP (16:5) Profile_Token P Vor Capability Mode Set Name Profile_Token P Vor Capability Mode Set Name Profile_Token P VVF Settings Vor Capability Mode Set Name Profile_Token 2 Vor Capability Mode Set Vor Capability Mode Set Vor Capability Mode Set Vor Capability Mode Set Vor Config Profile_Token_2 Vor Config Profile_Token_2 Vor Config Profile_Token_2 Vor Config Profile_Token_2 Vor Config Profile_Token_2	Fastel NONE > 40017 Enabled Ok VVF Settings Hgh-Capability Mode Set Jame Profile Encoder Format 7 MP (16:5) Profile Profile_Token (P <default> H264 1920 x 1080 15 2048 1 Marce Profile_Token (P <default> My Config Profile_Token_2 (<default> Vide Source </default></default></default>	Fastel FNONE > Enabled Ch Ok VVF Settings Hgh-Capability Mode Set Name Profile Profile_Token (P 2 NP (16:9) Profile_Token (P Ver (16:9) Profile_Token (P None Profile_Token (P Market Profile_Token (P My Config Profile_Token_2 (Vete Source	Fastici FNONE > UNIT Enabled Ok Ok VIF Settings High-Capability Mode Set Name Profile ZNP (16:8) Profile_Token (P dDEFALQT> High-Capability Mode Set Add Name Profile_Token (P dDEFALQT> High-Capability Mode Set Mark Name Profile_Token (P dDEFALQT> High-Capability Mode Set Mark My Config Profile_Token_2 (dDEFALQT> High-Capability Mode Set Add Wide Source Vide Source

Relay Integration

 Navigate to the Intercom > HTTP API Menu. Check the 'Enabled' checkbox and choose an authorize mode (None for no password, basic for access with username/password). If authorization mode is 'Basic', enter username and password (to be used later in the configurator).

Basic 🗸

Download the Fasttel_Relay_Control.EDRVC file from this repository. In the Elan configurator, navigate to the Input/Output tab. Right + Click Relay Outputs and Add New Output Controller. In the list as shown below, click on the Search Folder button, navigate to the folder where the file was downloaded, then press ok.

Add New Output Controller		×
Name	New Device	
Device Type	Show Unsupported Dev	ices
Name	Version Vendor	^
2N Helios IP Relay Control	1.0.7 ELAN	
Akuvox Relay Control	1.0.4 Indigo Distrib	
BasIP Relay Control	1.0.0 Indigo Distrib	
EL-IPD Trigger Outputs	8.8 Build 7.0 Rel ELAN	
Extender Output Controller	8.8 Build 7.0 Rel ELAN	
Fasttel Relay Control	1.0.4 Indigo	
Global Cache Output Module	8.8 Build 7.0 Rel ELAN	
Gude	1.0.2 Indigo	
Holovision IP Relay Control	1.0.2 ELAN	
Integra DTR Trigger Outputs	8.8 Build 7.0 Rel ELAN	
IO200 Output	8.8 Build 7.0 Rel ELAN	×
Search For Devices Search Folder	Cancel OK	

Highlight the Fasttel Relay Control, then press OK. Add the intercom's IP address. Add the intercom's relay admin and password if Authorization Mode was set to "Basic".

Output Controller : Fasttel Relay Control					
Name	Fasttel Relay Control				
System #	37844				
Status Color Coding	Enabled				
Status	Intercom online				
Driver Version	1.0.4				
Driver Vendor	Indigo				
Installed	2/27/2023 13:04				
Device Type	Fasttel Relay Control				
Power Link	< NONE >				
Model	FT600K				
MAC address	00:24:69:30:09:95				
Firmware Version	220.78.3.3				
IP Address	192 . 168 . 0 . 150				
Port	80				
User Name	admin				
Password	admin				

You will be able to tell if connection was successful if the intercom Model, MAC address and Firmware version populate automatically in their respective fields.

*Disclaimer

This is an unsupported driver. Neither Elan, Indigo Distribution, Product Solutions West or Product Solutions Group hold any responsibility or offer any support for the use of this driver in your Elan systems. By adding this driver you accept all risks associated with it. As ever: ALWAYS BACKUP YOUR SYSTEM.

2. Navigate to 'Intercom' 'Relay' and configure the relays how you wish them to behave. In our example we have set relay A as 'Monostable' and relay B as 'Bistable'. This allows us to have it configured in ELAN with one button as a temporary open and the other as a hold. Please note these are 2 physical relays requiring both to be wired if you want to achieve both options.

factual	Relay				
Door Entry Systems	Relay				
Status 🗸	Relay ID	RelayA	*	RelayB	*
Status	Туре	Default state	*	Default state	*
Intercom ^	Mode	Monostable	×	Bistable	*
Basic	Trigger Delay(Sec)	0	*	0	~
User	Hold Delay(Sec)	3	*	3	~
Schedule	DTMF Mode	4 Digits DTMF	~		
PIN Setting	1 Digit DTMF	2	~	3	×
LED Setting	2~4 Digits DTMF	2222		3333	
Relay	Relay Status	RelayA: Low	F	RelayB: Low	
Input	Relay Name	RelayA		RelayB	

3. You can then assign the relays within the intercom config in the messaging tab of ELAN.

Global Options	options: sip:ELA	Ń	
SELAN SIP Server	Dutput 1	Intercom Relay 1	
Telephone Systems	Output 1 Name	Fasttel Pulse	
	Output 1 Type	Momentary	
= 🔛 sip:ELAN	Output 2	Intercom Relay 2	
Coptions	Dutput 2 Name	Fasttel Hold	
 Email Accounts Email Messages (Outbound) Remote System Door Bell Door Bell 	Output 2 Type	Toggle	

Keypad Configuration in FT600KSIPVC

1. The FT600KSIPVC allows for keypad access to the relays. Select 'Intercom' and 'User' then select 'Add'.

ry Systems	User							
	Name	e/User ID		All 🗸	Search	Reset	Add	
~	Index	Source	User ID	Name	Private PIN	Web Relay	Schedule-Relay	Edi
^	1	Local	3	Keypad test	748	0	1001-12;	2
	2	Local	2	test2	7890	0	1001-2;	
	3	Local	1	test1	123456	Ō	1001-1;	
	4							2
	5							1
	6							2
								1
	8							2
	9							2
	10							2

2. Once Add has been selected you are then free to set a private pin for a user and apply a schedule if required. To use the private PIN enter the number on the keypad followed by the # symbol.

É	User
Door Entry Systems	User Basic
FT600K	User ID. 4
i) Status 🗸 🗸	Name
Intercom	Private PIN
Basic	Code
User	Access Setting
Schedule	
PIN Setting	Kuay
LED Setting	Web Relay 0 *
Relay	All Schedules Enabled Schedules 1001:Always 1001:Always - 1002:Néver
Input	
Wiegand	
Live Stream	
RTSP	
ONVIF	Submit Back to list

3. Schedules are configured through 'Intercom' and then 'schedule'

try Systems 🔁	Import/	Export S	Schedule	es(.xml)				
~		Not selecte	d any files	Select F	le In	port	Export	
	Schedul	e Setting	9					
	Schedule T	Schedule Type		Norm	ie			
	No. With			20220	457		224 422	
	Date Rang	Date Range		20230	1427	- 2	1230427	
				Mon Tu	e Wed	Thur		
	Day of We	ak		Fri Sat	Sun Cl	eck All		
	1.00							
	Date Time			HH	*1: 3	/M ·	HH v	MM ~
				Ade		1	Dasak	
				nut			neser.	
	Schedul	es Mana	gement					
	A	li i	*					
	Index	Schedule 1D	Source	Mode	Name	Date	Day of Week	Time
	T 1	1002	Local	Daily	Never			
				1000 - 100				THE REPORT OF MALE AND