# true

## Set up ZTE F688 to use True DDNS with CCTV

Check IP Address and Port of CCTV to forward Port at Router

- 1. Check the setting at DVR that's used to store data from all cameras in house (ex. Watashi CCTV)
  - Type IP Address of DVR at Browser ex. 192.168.1.108 then press Enter, it'll lead to Login page
  - Enter Username and password of DVR then press Log in
  - in case you don't know IP Address, Username and password of DVR, ask the technician who installs DVR

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(=) Matthe http://192.168.1.108/ - C	Search		,Q -	命公	(2)
WATASHI SERVICE ×					
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ซื่อผู้ใช้:	admin				
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รหัสผ่าน:	******	•			
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	เข้าระบบ มกเล็ก				
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2. Check IP Address, go Setting > Network > TCP/IP: IP Address of

DVR: 192.168.1.108

MATASHI SERVICE	ภาพสด	ดูป้อนหลัง	ค้นหาใ	บหน้า	ส้ญญาณเตือน	ตั้งค่า
ระยะไกล เครือข่าม	TCP/IP					
> TCP/IP > การเชื่อมต่อ	เวอร์ชื่น IP MAC Address	IPv4 3c ef	8c 14 30	✓		
> อินเตอร์เน็ตใร้สาย	โหมด	💿 คงที่	O DHCP			
> PPPoE	IP Address	192 _ 1	68 1 .	108		
> DDNS	Subnet Mask	255 2	55 255	0		
> IP rises	Default Gateway	192 1	68 1	1		

3. Check Port, go to Setting > Network > Connection, mostly used

Ports :

- TCP Port : 37777 (Port to view camera via Application on Smart Phone)
- HTTP Port : 81 (Port to view camera via Web Browser)

ATASHI SERVICE	ภาพสด	ดูป้อนหลัง	ค้นหาใบหน้า	ส้ญญาณเตือน	ตั้งค่า
ระยะไกล	เชื่อมต่อ	HTTPS			
์ เครือข่าย > TCP/IP	เชื่อมต่อสูงสุด	128	(0	~128)	
> การเชื่อมต่อ	ชอง TCP พอร์ต	37777	(1	025~65535)	
> อินเตอร์เน็ตไร้สาย	พอร์ด UDP	37778	(1	025~65535)	
> 3G/4G	พอร์ด HTTP	81	(1	~65535)	
> PPPoE	พอร์ด HTTPS	443	(1	~65535) 📃 ใช้งาน	
> DDNS	พอร์ด RTSP	554	(1	~65535)	



## Set up TrueDDNS

- 1. Type https://trueddns.com/login at Browser and then press Enter
  - > Login by using registered Username and password then press

Login

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Boun	ลฟูโช้	
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çilik olim	การได้งาน True DDNS การสงทะเมินน True DDNS	
- United States		
ຄຳຍໍ	กีบัติชัญติสู่ใส่งาน! สงกะเบียน ที่มี <b>tru</b>	<b>e</b> online



- 2. Select Service Management for Pairing Port to align with DVR
  - Port 11000 : set TCP name to be the same as TCP Port of DVR, click a behind button to turn on
  - Port 11001 : set HTTP name to be the same as HTTP Port of DVR, click a behind button to turn on
  - When finished, press Confirm

True DDNS					тн	EN
ว่านวนพู้ลงกะเบียน Joqบัน 2	ยินดีด้อนรับ คุณ lab123					
จัดการบริการพู้ใช้	จัดการบริการพู้ไข้งาน					
การจัดการสง	ชื่อโตเมน	e	ddie555.true	ddns.com	0	
กะเบียบ	พอร์ดที่ใช้ทั้งทมด	2			0	
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Monitor App		1	11000	DVR1 TCP	ON 0.	ឈិត/បិត » ឆាំ 110
0000105:UU		2	11001	DVR1 HTTP	O ON O	
				â	iumsenilo unitin	



### Set Port Forwarding at Router

1. Type 192.168.1.1 , enter Username = admin / Password = letters

as shown below then press Login

ZTE	F688				×	+									-		×
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	71	F															
		Hom	ne	_	Interr	et.	_	Local Ne	etwork	_	VolP	-	Mar	agemer	Φ <u>¢</u> I n & Diag	English	Í.
					0	7-				100							
								Welcome t	o F688. Plea	se login.							
					User	name word	admin		_								
					Defa	ult Route	r Password	<b>BPCAB</b>	GM								
										- 1	ogin						

2. Go to Internet > Security > Port Forwarding

Home	Int	ernet 🚺	Local Network	¢	VolP		Management	& Diagnosi
Status	F	irewall Filter	Criteria	Local Service C	ontrol	ALG	DMZ	Por
Security 🙆					100			-
DDNS	Page Inf	formation						1.2
SNTP	This page p	provides the function	of firewall param	eter(s) configur	ation.			
7TF								
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Curr Home	ent Time: 1970-01- Inte	01700:09 ernet	Local Network		VolP	admin M	Logout Vanagement	Фूर्दi Englis & Diagnosis
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#### 3. At Port Forwarding Virtual Server

- 3.1. View via App on Smart Phone
  - New Item : select On to enable this Profile
  - Name : name the Profile e.g. "DVR1 TCP"
  - Protocol : select protocol per usage, if do not sure, choose TCP And UDP
  - WAN Connection : select Auto
  - LAN Host : 192.168.1.108
  - WAN Port : 11000
  - LAN Host Port: 37777
  - Once finished, press Apply
  - To add Port Forwarding, press Create New Item



## true

#### 3.2. View via Web Browser

- New Item : select On to enable this Profile
- Name : name the Profile e.g. "DVR1 HTTP"
- Protocol : select protocol, if do not sure, choose TCP And UDP
- WAN Connection : Auto
- LAN Host: 192.168.1.108
- WAN Port : 11001
- LAN Host Port : 81
- Once finished, press Apply

Home		Internet	Local Network	_	VolP	Management & Diagnosis
itatus	•	Local Service Control	ALG	DMZ	Port Forwarding	Port Trigger
ecurity						
DNS	Page	Information				
NTP	This pag	e provides the function of p	ort forwarding para	imeter(s) config	guration.	
ort Binding	Y Por	t Forwarding				
ort Locating		t i oi maraing	1 123 3			() () () () () () () () () () () () () (
ON Information	What sh	ould be noticed when confid	guring port forward	1092		
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	Vev Nev	/ Item	© Or	n 🖲 Off 🚺		0
	Nan	ne	DVR1 HT	TP	0	
	Prot	ocol	TCP And	UDP .	0	
	WA	N Connection	Auto	•	a	
	WAI	N Host IP Address	0.0	0.0	~0.0.0	0
	LAN	Host	192.168.	1.108	9	
	WAI	N Port	11001	~ 11001	6	
	LAN	Host Port	81	~ 81	0	
					-	
					(B) App	oly Cancel



## 4. After setting, setup data will be shown in below table

remarks: number of Port to forward will depend on device, may be

## 1 port or more

Name DVR1 TCP Protocol TCP And UDP • WAN Connection Auto • WAN Host IP Address 0,0,0,0,0,0,0,0 LAN Host 192.168.1.108 WAN Port 11000 ~ 11000 LAN Host Port 37777 ~ 37777 • DVR1 HTTP • On • Off Name DVR1 HTTP Protocol TCP And UDP • WAN Connection Auto • WAN Host IP Address 0,0,0,0,0,0,0,0 LAN Host 192.168.1.108 WAN Port 11001 ~ 11001	Name       DVR1 TCP         Protocol       TCP And UDP         WAN Connection       Auto         WAN Host IP Address       0.0.0.0.0.0.0.0         LAN Host       192.168.1.108         WAN Port       11000 ~ 11000         LAN Host Port       37777 ~ 37777         DVR1 HTTP       On Off         Protocol       TCP And UDP ▼         Name       DVR1 HTTP         Protocol       TCP And UDP ▼         WAN Connection       Auto ▼         WAN Connection       Auto ▼         WAN Host IP Address       0.0.0.0.0.0.0         LAN Host       192.168.1.108         WAN Port       11001 ~ 11001         LAN Host Port       81 ~ 81	۲	DVR1 TCP	On      Off	t
Protocol         TCP And UDP           WAN Connection         Auto           WAN Host IP Address         0,0,0,0,0,0,0,0           LAN Host         192.168.1.108           WAN Port         11000 ~ 11000           LAN Host Port         37777 ~ 37777           DVR1 HTTP         @ On @ Off           Name         DVR1 HTTP           Protocol         TCP And UDP ▼           WAN Connection         Auto           WAN Host IP Address         0,0,0,0,0,0,0,0           UAN Host IP Address         0,0,0,0,0,0,0,0           UAN Host IP Address         0,0,0,0,0,0,0,0           WAN Host IP Address         0,0,0,0,0,0,0,0,0           WAN Host IP Address         0,0,0,0,0,0,0,0,0           WAN Port         11001, ~ 11001	Protocol       TCP And UDP<▼		Name	DVR1 TCP	
WAN Connection       Auto         WAN Host IP Address       0,0,0,0,0,0,0,0,0         LAN Host       192.168.1.108         WAN Port       11000,~11000         LAN Host Port       37777,~37777         DVR1 HTTP       @ On @ Off         Name       DVR1 HTTP         Protocol       TCP And UDP         WAN Host IP Address       0,0,0,0,0,0,0,0         LAN Host       192.168.1.108         WAN Port       11001,~11001	WAN Connection       Auto         WAN Host IP Address       0,0,0,0,0,0,0,0         LAN Host       192.168.1.108         WAN Port       11000 ~ (1000)         LAN Host Port       37777 ~ 37777         Mame       DVR1 HTTP         Protocol       TCP And UDP V         WAN Host IP Address       0,0,0,0,0,0         VAN Port       192.168.1.108         VAN Connection       Auto         WAN Host IP Address       0,0,0,0,0,0,0         WAN Host IP Address       0,0,0,0,0,0,0         WAN Host IP Address       0,0,0,0,0,0,0,0         WAN Host IP Address       0,0,0,0,0,0,0,0         WAN Host IP Address       0,0,0,0,0,0,0,0         UAN Host IP Address       0,0,0,0,0,0,0,0,0         WAN Host IP Address       0,0,0,0,0,0,0,0,0,0,0         UAN Host Port       11001, ~ 11001         UAN Host Port       81, ~ 81		Protocol	TCP And UDP	
WAN Host IP Address       0	WAN Host IP Address       0		WAN Connection	Auto	
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WAN Port       11000 ~ 11000         LAN Host Port       37777 ~ 37777         Apply.       Cancel         DVR1 HTTP <ul> <li>On O Off</li> <li>Name</li> <li>DVR1 HTTP</li> <li>Protocol</li> <li>TCP And UDP</li> <li>WAN Connection</li> <li>Auto</li> <li>WAN Host IP Address</li> <li>D 0.0.0.0.0.0</li> <li>D 0.0.0.0</li> <li>UAN Host</li> <li>UAD 101</li> <li>11001</li> <li>11001</li> </ul>	WAN Port       11000 ~ 11000         LAN Host Port       37777 ~ 37777         Apply       Cancel         DVR1 HTTP       Image: On		LAN Host	192.168.1.108	
LAN Host Port	LAN Host Port 37777 ~ 37777 Apply Cancel DVR1 HTTP O On O Off Name DVR1 HTTP Protocol TCP And UDP V WAN Connection Auto UVAN Host IP Address O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O		WAN Port	11000 ~ 11000	
Apply         Cancel           DVR1 HTTP              • On • Off         Off           Name         DVR1 HTTP         Protocol         TCP And UDP •           WAN Connection         Auto • •         O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.	Apply       Cancel         DVR1 HTTP          • On • O ff          Name       DVR1 HTTP         Protocol       TCP And UDP         WAN Connection       Auto         WAN Host IP Address       0 , 0 , 0 , 0 , 0 , 0 , 0 , 0 , 0 , 0 ,		LAN Host Port	37777 ~ 37777	
Protocol         TCP And UDP            WAN Connection         Auto            WAN Host IP Address         0 <t< th=""><th>Protocol     TCP And UDP       WAN Connection     Auto       WAN Host IP Address     0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,</th><th></th><th>Name</th><th>DVR1 HTTP</th><th></th></t<>	Protocol     TCP And UDP       WAN Connection     Auto       WAN Host IP Address     0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,		Name	DVR1 HTTP	
Protocol         TCP And UDP            WAN Connection         Auto            WAN Host IP Address         0 <t< td=""><td>Protocol         TCP And UDP           WAN Connection         Auto           WAN Host IP Address         0</td><td></td><td>Name</td><td>DVR1 HTTP</td><td></td></t<>	Protocol         TCP And UDP           WAN Connection         Auto           WAN Host IP Address         0		Name	DVR1 HTTP	
WAN Connection         Auto           WAN Host IP Address         0	WAN Connection     Auto       WAN Host IP Address     0       LAN Host     192.158.1.108       WAN Port     11001       LAN Host Port     81				
WAN Host IP Address         0	WAN Host IP Address     0     0     0     0     0     0     0       LAN Host     192.168.1.108       WAN Port     11001     11001       LAN Host Port     81		Protocol	TCP And UDP	
LAN Host 192.158.1.108 WAN Port 11001 ~ 11001	LAN Host         192.168.1.108           WAN Port         11001           LAN Host Port         81		Protocol WAN Connection	TCP And UDP   Auto	
WAN Port 11001 ~ 11001	WAN Port         11001         11001           LAN Host Port         81         ~ 81		Protocol WAN Connection WAN Host IP Address	TCP And UDP     Image: Constraint of the second secon	
	LAN Host Port 81 ~ 81		Protocol WAN Connection WAN Host IP Address LAN Host	TCP And UDP  Auto  I 192.168.1.108  TCP And UDP  I 192.168.1.108  I 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
LAN Host Port 81 ~ 81			Protocol WAN Connection WAN Host IP Address LAN Host WAN Port	TCP And UDP     Image: Constraint of the second secon	



## Close DDNS setting at Router

- 1. Go to Internet
- 2. Click DDNS
- 3. At DDNS, select Off
- 4. Press Apply

Home	Internet	Local Network	VolP	Management & Diagnosis
Status	Page Information	i.		
Security	This page provides the f	unction of DDNS parameter(s) configu	ration.	
DDNS	T DDNS			
SNTP				
Port Binding	WAN Connection	Auto		
Port Locating	Provider	DynDNS 🔻		
PON Information	DDNS	On Off		
	Provider URL	http://www.dyndns.com		
	Username			
	Password			
	Host Name			



## Close DDNS setting at DVR

- 1. Go to Setting > DDNS
- 2. Remove a check
- 3. Press Save

ATASHI SERVICE	ภาพสด	ดูป้อนหลัง	สัญญาต	แต้อน	ตั้งค่า	ออกจากระบบ
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> TCP/IP						
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≻ 3G	พอร์ด	80				
> PPPoE	รื่อโคลน	xxxx.wa	ashinet.com	1		
> DDNS	fogti	XXXXX				
≻ fensas IP	ราไสด์เหน		•	÷		
> Jasé	1000311	300		54	₼(300~65535)	
> UPnP			- 10			
> SNMP		200	fin.	final		ด่านสิ่ม

## **Overall settings**

		What should be noticed when care	director and forwards a?		ATASHI SERVICE		-
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and the second second		WAN Host IP Address			- function -	MAC AGEPTS	4 0.00
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work					10 miles	Default Gateway 190	2 168 1
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	1 11000 pulti TOP	DVR1 HTTP	N ON IS OF		ATASHI SERV.		
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Test using via Mobile Internet or Internet that is different from at home

 Test CCTV App on Smart Phone by using Domain name and Port numbers from True DDNS, if the setting is correct, you'll see pictures from camera



Test the usage via Web

• enter Domain name : Port number from TrueDDNS ex.

eddie555.trueddns.com:11001

• if the setting is correct, you can access camera's Web page



🚽 🕘 🔯 http://eddie	555.trueddns.com:11001	/ - C Search.		P · 6 6	(19)
WATASHI SERVICE	×				
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WE	B SER	VICE			
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