WiFi Module Model Name: DTV001

Date: 21 - June- 2012

# **User Manual**

# MiTAC Information Technology Corp.

187, Tiding Boulevard, Section 2, Taipei, Taiwan, R.O.C.

Having checked this document, I certify that it conforms to the requirements of the Contract in all respects, except as otherwise indicated. System Integration Manager

Bill Zhun

Project Manager

B. WAN

Subject	Installation Manual Description			
Summary	This description presents t system user manual. The system and software.	he WiFi Module be installed into DTV ystem installation is described in terms of		
Author	Bill Zhun System Integration Manager, MiTAC Information Technology Corp.			
Distribution	DTV/MITAC			
Key Contact Information	Bill Zhun billzhun@mitac.com.tw			
Document History				
Level - Submission	Date	Comment		
A-1	21 – June- 2012			

#### Warnings:

- 1. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- 3. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Note:

- 1. This WiFi module and its' FCC grant is limited OEM or manufacture to use, for marketing sell is not allowed.
- 2. Any device/ host be installed with this WiFi module that its' label must indicates "contains FCC ID: ODI2012DTV001".

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#### **1. INTRODUCTION**

#### 1.1. Purpose

This document provides instructions for setup WiFi Module.

#### 1.2. Manufacturer Information

MiTAC Information Technology Corp.

187, Tiding Boulevard, Section 2, Taipei, Taiwan, R.O.C.

#### 1.3.Overview

- Complies with IEEE 802.11n; 802.11g; 802.11b standard for 2.4GHz Wireless LAN.
- Supports PPPoE, Dynamic IP, and static IP broadband connection.
- Supports UPnP, DDNS, static routing, VPN Pass-through.
- Wi-Fi protected security(WPS), set your security at a push button.
- Supports virtual server, special application and DMZ host.
- Supports SSID broadcast control and MAC access control list.
- Supports 64/128bit WEP, 128bit WPA standard (TKIP/AES), supports MIC, IV Expansion, Shared Key Authentication and IEEE 802.1X.

#### 1.4. Specification

Standarde	IEEE802.11n current draft, IEEE 802.11g, IEEE 802.11b, IEEE 802.3,
Stanuarus	IEEE 802.3u, IEEE 802.3x
Protocol	CSMA/CA, CSMA/CD, TCP/IP, ICMP, NAT, PPPoE, DHCP, PPTP, UDP, NAT,
PIOLOCOI	DN, DDNS, VPN
Port LAN	4*100M/1000M BaseTX (Auto MDI/MDIX)
Port WAN	1*100M/1000M BaseTX (Auto MDI/MDIX)
Wireless parameter RF Frequency	2.412~2.462GHz
	<b>11n:</b> 300/270/243/216/162/108/81/54/27Mbps
	135/121.5/108/81/54/40.5/27/13.5Mbps
Data Rate	130/117/104/78/52/39/26/13Mbps
Data Nate	72/65/58.5/52/39/26/19.5/13/6.5Mbps
	<b>11g:</b> 54/48/36/24/18/12/9/6M (auto-negotiation)
	<b>11b:</b> 11/5.5/2/1M (auto-negotiation)

Wireless Transmit Power	802.11b:20dBm, 802.11g/n: 26dBm
Receiver Sensitivity	270M: -65dBm@10% PER 135M: -65dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Channels	1-11 (North America)
WLAN Modulation Scheme	BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)
Antenna Type	2.4GHz PIFA antenna
Wireless Operation Mode	Wireless Bridge /Client/ WAN /WDS
Wireless Security	WEP 64/128 bit; MAC based Association; SSID broadcast disable; Wi-Fi Protection Access (TBD), WPA, WPA2, WPS
LED	1*Power, 1*CPU Status, 1*Wireless, 1*WAN, 4*LAN
Media	100BASE-TX: UTP/STP
Management type	Local/Remote Web-based configuration
Operating Temperature	0 ~ 55℃
Storage	-20 ∼ 65 °C
Humidity	$5 \sim 95\%$ non-condensing
Power External	Input DC 9V, 0.8A

### 2. SYSTEM SETUP DESCRIPTION

2.1. System default setting

IPC Setting Default IP : 192.168.20.120 VNC Connect Setting: Use software to connect. Ex. UltraVNC

2.2. MiSling Setting & Upgrade Firmware

Default IP : 192.168.20.201 Configure Setting:

1. Open IE browser and key in IP address:192.168.20.201

Username: admin Password: None

C DVR remote management sytem - Windows Internet Explorer			- • ×
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DVR remote management sylem		👌 🔹 🖸 🗢 🖬 🖶 🕈 KATED - 3	(全世伝)、工具(2)、 🜒、 🤺
Language English + Mik + X English Español			
	User Name admin		
	Password		
	Network Lan •		
	OK CANCEL		
	lf phagin is not installed automatically, please download the <u>packane</u> and in	dali it manually.	
N/R		REC.4005	G 🔻 🔍 100% 💌 🖉



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		a energy (	- 11005 - 2

3. Once ActiveX has been installed, login and Press Start button, and then you will see the Video Streamming from MiSling.



4. Press configure button, and select "ChannelParam", different "Bit Rate" value can be select. (Default Value is 2Mbps)

Settings						×
ServerParam	ChannelParam	UserInfoParar	n Others			
ChnName	CH 01		Video Source	720p50	-	
Record Para	ım ————					
Steam Ty	pe Video 💌	Bit Type	CBR 💌	Bit Rate	2Mops 💌	
Quality	Best 👻	FrameRate	25 🔻	1		
SubStream - Steam Ty	pe Video 🔫	Bit Type	CBR 👻	Bit Rate	512Kbps 🚽	7
Ouality	Good	FrameRate	25 🔻			
				OK	Cancel	
			-		Cancer	-
					Quit	-



5. To remote upgrade MiSling firmware, select "Other" and choose "Board" in "UpgradeType", and then browse file source.

2.3. MiCube Setting & Upgrade Firmware

Default Setting: WiFi IP: 192.168.20.1~254 \*Notice. Avoid 192.168.20.120 & 192.168.20.201, occupied by IPC and MiSling. Ethernet IP : 192.168.3.3

Upgrade Firmware from MiControl Server

RuTTY Configuration		x
Putty Configuration Category:  Category: Catego	Options controlling loc Select a serial line Serial line to connect to Configure the serial line <u>S</u> peed (baud) Data <u>b</u> its	COM1
<ul> <li>Translation</li> <li>Selection</li> <li>Colours</li> <li>Data</li> <li>Proxy</li> <li>Telnet</li> <li>Rlogin</li> <li>€SSH</li> <li>Serial</li> </ul>	Stop bits Parity Elow control	1 None • None •
About	<u></u> pe	n <u>C</u> ancel

• Use RS232 Debug Setting:

- Start MiControl Center Server & Sensor\_collector Server
- Change Version in Version.Mapping File
- Put Firmware into correct Document.
- Wait Server auto upgrade

2.4. Pepwave M1 Setting

Default IP: 192.168.20.1 Username: admin Password: admin

1. Login Pepwave M1

💏 Wala Admin   Walkama 👘 👘			- 6
← + C M ③ 192.56 20.1/g in PWR54/educus			☆ 🖬 🌂
PEPWAV	É		
D DC0345 P003180		Web Admin	
	Login		
	Usemane		
	admin		
	Password		
	(topy)		
Control of Pearware, All Addition	IS MYRC.	1	

- 2. Select Network, you can change IP from IP Settings
  - 2-1 Basic Settings:

WAVE	ashboard Network A	dvan	oed System :	Status					
. 0	IP Settings								
P 0	1º Address *		192.193.20.1						
	Submet Mask *		295.295.255.0 (04)	•					
	Speed	- 60	Auto						
	DHOP Server Settings			_					
	DHCP Server	0	🕅 Enable						
	IP Range	۲	192.163.20.10	- 192.163.20.3	0D				
	Subnet Mask	0	295.255.295.0 ((24)	•					
	Loase Time	0	1 Days	1 Hours 0	Mins 0	Seconds			
	DNG Servers		R Assign DNB se	rver automatical	,				
	WINS Servers	. 🕲	Assign WINS a	HET/HET					
	Extended DHCP Option	0	Option		Value				
				No Edwade	S.DriCP Oprion		_		
	OHCP Reservation	62	Name	MAC Address	Sta	ic IP	-		
							+		
	Static Route Settings								
	Static Route	63	Destination Netwo	rk Subret Mask	Gab	TALK .			

3. Wi-Fi AP: (Disable in default)

# You can change SSID and Password!

\*Notice: The Multicast Enhancement option always enable.

C f O	192.168.20.1/og-bin/MANISA/in	dex og/hidv=6&mode=config&option=edt_p	sid&ruled=1	ث
WAVE	Dashboard Network A	dvanced System Status	Apply Charges	
	and the second			
	Wireless Network Bettin	gs.		
angs •	Network Name (SSID)	PepTest_C2		
	Enatio	2 R Yes O No		
	Rived: ext SSID	🕐 🗵 Enable		
4994	Mutteast Filter	😨 🗂 Enable	2	
	Multicast Rate	20 24M w		
	Nutricast Enhancement	2		
	wireless Security Settin	gs.	9	
	Seturey Policy	WPA/WPA2 Personal +		
	Encryption	TKIP/ABS: COMP		
	Shand Key	[		
		2 Hide Characters		
	Access Control Bettings	12	0	
	Restriction Mode	None -		
		Save		

4. Press"System" button and Select"Firmware", you can Upgrade M1 Firmware.

wieb Admin	- DOML	× 854	-18
+ + C #	f (0)	192. 168. 20. 1/og-bin/MANGA/index.og/imode=config8option=firmwareSpage_index=4	쇼 🖬 🌂
PEPWA	VE	Deshboard Network Advanced System Status Apply Changes	A 
Bystem			
Admin Security	۰	Aliminiona bagrado 👘	
· Firmware	•	No result from last streck, please try agen later	
• Tine	0	Check Agein	
Errail Notification	۰	Maxial Firmmara Upgrada 🕥	1
<ul> <li>Remote Syslog</li> </ul>	۰	Ferrora Inage 建理编篇 未遗传编篇	
• SNMP	۰	Menual Querode	
Configuration	. 0		
Reboot	0		
Tools			
• Ping	۰		
Traceroute	•		
Logaut			
			17

# 2.5. TOTOLINK Setting

Default IP: 192.168.20.1 Username: admin Password: admin



1. Login TOTOLINK

🔉 TOTOLINK N300R+ - Google 湖鏡器				_ @ ×
3 192.168.20.1/cgi-bin/timepro.cgi?t	menu=main_frame&smenu=main_frame	ame		
τοτο <b>μινκ</b>	N300R+ Wireless 300Mbps Router		Refresh Save	
Config Explorer	Status Summary			
Basic Setup Basic Summary	Internet Status			
- A Internet Setup	Internet(WAN) Port Status	WAN port is disconnected		
Firmware Upgrade	Internet Connection Type	DHCP User(Dynamic IP)	WAN IP	
	Internet connection time	0 Hour 0 Min 0 Sec		
🗉 🝓 Advanced Setup	LAN Configuration			
	LAN IP	192 168 20 1		
	DHCP Server Status	Running		
	DHCP IP Pool	192.168.20.2 - 192.168.20.254		
	Wireless Status			
	Wireless Mode	Running - AP Mode - Encryption		
	SSID(Network Name)	PepTest_C1		
	Wireless Multibridge	Stopped		
	Miscellaneous			
	Firmware Version	7.42		
	Remote Mgmt Infomation	Remote Management is not configu You can set up this at (Mgmt Acces	red. s List] page	
	System run time	23 Hour 16 Min 52 Sec		

2. Select Wireless Setup, you can change IP in LAN configuration.

					l
8.20.1/cgi-bin/timepro.cgi?tr	menu=main_frame&smenu=main_fi	ame			
	N300R+		e 🔺	,	
	Wireless 300Mbps Router		Refresh Sav	е	
Config Explorer	Status Summary				
Basic Setup	Internet Status				
Status Summary					
Wireless Setup	Internet(WAN) Port Status	WAN port is disconnected	MAN ID		
廢 Firmware Upgrade	Internet connection Type	DHCP Oser(Dynamic IP)	WAN IP		
Advanced Cetur	internet connection time	0 Hour 0 Win 0 Sec			
Advanced detap	LAN Configuration				
	LAN IP	192 168 20 1			
	DHCP Server Status	Running			
	DHCP IP Pool	192 168 20 2 - 192 168 20 254			
	Wireless Status				
	Wireless Mode	Running - AP Mode - Encryption			
	SSID(Network Name)	PepTest_C1			
	Wireless Multibridge	Stopped			
	Miscellaneous				
	Firmware Version	7.42			
	Remote Mgmt Infomation	Remote Management is not configured. You can set up this at [Momt Access List] pa	ae		
		22 Hour 16 Min 52 Rec	2-		

#### 2.6. MiControlCenter

## 1. Menu.zul

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← + C. ñ © locatost 990/HCareolCenter/menu au	승 🔚 🌂
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[Current Generation]	
Similar Log Hellory	
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Diveril ag History	
Control	
((protosting))	
Constant Western MP	
Atlamic Federation	al Alliance

# 2. Current Sensor Log

Normal Structure	_ bcshort:9090/	Micontru-	at granted out	and and an inclusion of the									
NOTICE         OPENAND         NAME		C. NCLER		1 SIL SI BEL (1993) 14 253									
Description         Proceeded by the second balance         Same Provide the second balance <th></th> <th>OSTY D</th> <th>TV Control Cantor</th> <th></th>		OSTY D	TV Control Cantor										
Image: sector decision         Sec	as Results.	1000	Refeat Interval	10000 Datestree						the second			
TEST_DEWOD_1937       192 106 2013       2011-08-11 11 23020       7545       0176       20079       35 125       610/02       60000	evices:		Received/out	ReceivedDatotane	Fast(PPM)	Fanistende	Transfer?	теорият	\$3183g8233300	ALCONCEPTION OF	Locklighter UK)	amberid9p.ctx)	
TEST_DEVICE_06.00         Mail 164 200 100 2001-00 22 000 20 0 7765         7765         31.75         32.75         62.00         50.001	STV_TEST_DEV	08_1.93	192 168 20 3	2011-08-11 11:32:02.0	7545	8176.	33.875	35.125	61,413	10,001)	13(1:02)	83.4923	
TEST_DEWOS_20:00       102 168 20 168       2011-08-22 2000251.0       7765       21.375       20.75       60.403       20.401       20.401       120.402         TEST_DEWOS_20:000       100 100-000       100 100-000       40.402       100 400       40.402         TEST_DEWOS_20:000       100 100-000       100 100-000       100.401       120.402       100.402       40.402         TEST_DEWOS_20:00       100 100-000       100 100-000       100.401       120.400       100.401       40.402         TEST_DEWOS_20:00       100 400-000       100 100-000       40.402       100.400       40.402         TEST_DEWOS_20:00       100 400-000       100 100-000       40.402       100.400       40.402         TEST_DEWOS_20:00       100 400-000       100 400       40.402       40.402         TEST_DEWOS_20:00       100 400-000       100.400       40.402       40.402         TEST_DEWOS_20:00       100 100-0000       40.400       40.402       40.402         TEST_DEWOS_20:00       100 100-0000       100.400       40.400       40.402         TEST_DEWOS_20:00       100 100-00000       100.400       40.400       40.402         TEST_DEWOS_20:00       100 100-000000       100.400       40.400       4	and the second second		A COLORADOR	States and the second second		1	1	31	314	-	States .	And Personnel State	
1       1	STV_TEST_DEM	05_20.101	193 168 20 101	2011-08-32 20:00:53.0	7705	7705	21.375	32.75	\$6.v12)	3(1-01)	2(L+01)	9.3 (Lv82)	
The T_DEW OS_201100       192 106 201104       2011-06-202 000035 0       7705       2015       2016       40,402       10,401       10,401       10,401         The T_DEW OS_201104       101 106 222 000144 0       8416       7705       2016       40,402       10,401       50,403       40,402         The T_DEW OS_201105       101 106 222 000144 0       8416       7705       2016       40,402       10,401       40,402       40,402         The T_DEW OS_20106       101 106 221 000148 0       8116       9170       30.35       10,401       10,401       40,402       40,402         The T_DEW OS_20106       101 106 20100       101 106 221 000055 0       7705       210       30.35       10,401       10,401       40,402       40,403         The T_DEW OS_20100       101 106 221 000055 0       7705       2108       30.75       30.75       30.75       10,401       10,401       40,402       40,403         The T_DEW OS_20100       101 106 221 000050       7705       210.55       30.75       30.75       20.65       10,401       10,401       10,401       10,401       10,403       10,403       10,403       10,403       10,403       10,403       10,403       10,403       10,403       10,403       10,403	STV_TEST_DEV	CE_20.102	192.168.20.142	2011-09-22 20:00:59 0	1785	8176	30.125	39.75	2211/099	10,0015	1990.040	41.v12)	
Test_Device_10:00       192 166 20 104       201-06 22 200194.0       0416       97705       30.75       23.2       60.423       10.401)       301.000       41.421         Test_Device_10:00       192 166 20 108       001-06 22 200198.0       011-06 22 200198.0       011-06 22 200198.0       011-06 22 100198.0       010-019       010-019       010-019       <	KATV_TEST_DEV	05_20103	192 168 20 182	2011-06-22 20:00:53.0	37925	\$176	30.5	38.25	60.403	18.4915	12(5:02)	11(LV82)	
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TEGET_DEVICE_201108 192166201188 2011-08-2220003580 7705 7705 31.0 32.25 12(0x03) 1(0x01) 40(0x0) 8(0x02) TEGET_DEVICE_201108 192166201188 2011-08-2220003580 7705 7705 30.05 90.75 8(0x02) 1(0x01) 200.05 8(0x02) TEGET_DEVICE_201109 192166201180 1011-08-222000358 0705 7705 20.027 38 45.04 8(0x02) 1(0x01) 670.02 1(0x01) TEGET_DEVICE_201109 192166201108 2011-08-222000358 0816 7705 31.125 32.02 1(0x01) 10,001 80,002 80,002 TEGET_DEVICE_20110 192166201108 2011-08-222000318 0816 7705 31.125 32.0 10,001 80,001 80,002 80,002 TEGET_DEVICE_20110 19216620110 2011-08-222000318 0816 7705 31.125 32.0 10,001 80,000 80,000 80,000 TEGET_DEVICE_20110 19216620110 2011-08-222000318 08170 7705 31.0 11.35 40,000 10,000 80,000 80,000 80,000 80,000 TEGET_DEVICE_20110 19216620110 2011-08-223000118 08170 7705 31.0 11.35 40,000 10,000 80	N90_TEST_VIS	¢€_20105	192168.20.185	3011-08-22 20:01:02:0	8416	8170	80.0	10.26	35,9613	10,0012	40.0025	85.5923	
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TERE_DEVICE_04100 182 166:00 182 2011-06-022 000102 0 7705 7705 29.075 29.025 92.026 90.020 10.010 074.000 130.000 00.0000 00.000 00.000 00.000 00.000 00.00	STV_TEST_DEV	CE_20.107	192 168 20 187	1011-08-22 10:00:55.0	7785	1786	30.375	30.75	86Lv120	10,4015	220.030	B(LV02)	
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#### 3. Sensor Log History

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evented	ReceivedHest	ReceivedDateRate	Earth(RP98)	Fan(k)PPM(	Templeto	TempBrCs	backHighthi(00)	and and a state of the state of	backlightliji,150	and leaters (3.970)	
STY_TEST_DEVICE_25	192-108-20.57	2011-11-2310-2218.8	7425	7545	30.75	*	674,402)	541,4813	43,x02)	1(0+01)	
ETV_TEST_DEVICE_23	51 192108.28.51	2015-15-20 10:20 17.8	7545	7545	38.5	39.75	670,403)	16,401)	13(3)(02)	10,401)	
ETV_TEST_DEVICE_20	05 192100.20.85	2011-11-2210:22:16.0	7545	7545	37.75	37.875	45(5,402)	1 (Lv21)	30.401)	1(0.401)	
STY_TEST_DEVICE_20	58: 182,188,28.58	2011-11-23 18:22:13.8	8178	7545	35.075	38.5	1380.4947	2(Lv01)	3(1.x01)	10.001)	
STV_TEST_DEVICE_25	50 192,160,28.50	2011-11-23 10:33:13.0	7545	7545	20.0	32.125	209(5404)	0(Lv02)	95(L+04)	1(0.01)	
STV_TEST_DEVICE_23	58 103.100.20.58	2011-11-23 10:23:13:8	7425	7425	37.375	39.825	1(5401)	2(1981)	45(1.+03)	16.401)	
TV_TEST_DEVICE_23	54 102.168.29.54	2011-11-23 18:23:10.8	8176	7545	30.5	31.375	992-4940	3(Ly(1)	22(1+03)	14.401)	
STV_TEST_DEVICE_23	57 102.160.20.57	2011-11-2210-2207.0	7545	7545	37.0	ж	476,433	2(L+01)	4(1,402)	30.4015	
07%_TEST_DEVICE_35	57 152.100.20.51	2011-11-2518-25:06.8	7545	7545	30.5	30.75	873,4030	18,487)	133.402	10,0015	
STV_TEST_DEVICE_28	102108.22.85	2011-11-23 10:23:03.8	7545	7425	37.5	37.875	450_4030	1819010	30,401)	10,9010	
STV_TEST_DEVICE_28	58 192.168.28.58	2011-11-20 18:23:01.8	8178	7545	36.875	38.8	1395,4040	28,4870	30.4015	10,9012	
STV_TEST_DEVICE_28	60 102100.20.50	2011/11/23 10:23 01:8	7545	7545	30.8	32.128	2890,4040	86.x920	993,1049	18,4015	
STV_TEST_DEVICE_28	58 192.168.29.58	2011-11-2010-2001-8	7425	7425	37.375	39.825	10,4013	NLVEY)	493,035	1.0.9015	
STV_TEST_DEVICE_28	14 162 168 20 54	2011/11/23 10:22:58.0	8178	7425	30.5	11.5	995,4040	40,4920	225.035	16,3015	

#### 4. Current Event Log



### 5. Event Log History

) localhost:9090/MiContr					
+ C # 0 loca	host:9090/P4Co	ntro/Center/menu.au/			술 🔤
	DTV Canadol Carda	e.			
Results: 1000	Retroit Interval	10000 Delatime.	Wed Nev 2	109/15/320	
world	ReceivedHost	ReceivedDatetime	EventType	Value	
STV_TEST_DEVICE_20.5	192,168,20,58	2011-11-23 09:06:29.0	ERROR	Cannol_ping_to_Milling_182.188.20.201wailing30_secs	
TV_TEST_DEVICE_20.5	192,168,20.54	2011-11-22 09 06:22 0	ERROR	Cannol_ping_to_Milling_182.168.20.201wading30_secs	
TV_TEST_DEVICE_20.5	192,168,20.57	2011-11-23-09:06:22.0	ERROR	Cannol_ping_to_MiSing_102.108.20.201waiking30_secs	
V_TEST_DEVICE_20.5	192,168,20,51	2011-11-23 09 00:20 0	ERROR	Cannol_pthg_ls_Milling_152.168.20.201walling30_secs	
TV_TEST_DEVICE_20.50	192,168,20.50	2811-11-22 03:08:15.0	ERROR	Cannol_ping_10_MiSling_182.168.20.201walking30_secs	
V_TEST_DEVICE_20.6	102.168.20.50	2011-11-22 09 06:18.0	START	Playback	
V_Met#	192,168,20,112	2011-11-23 09 06 18 0	START	PlayBack	
V_TEST_DEVICE_20.5	102.108.20.50	2011-11-22 09 06 11 8	START	PlayDack	
V_TEST_DEVICE_20.6	192168.20.57	2011-11-22 09:06:08.0	START	PlayBack	
V_TEST_DEVICE_20.5	102.108.20.54	2011-11-22 09 06:05 0	START	Playback	
V_TEST_DEVICE_20.6	102108-20.51	2011-11-22 09 06:03.0	START	PlayDack	
V_TEST_DEVICE_20.5	102108-2050	2011-11-22 09 05:59.0	START	PlayDack:	
• 5 /5					181-72177
A A A A A A A A A A A A A A A A A A A	1.1.1	Ailan	c Fed	leration	

#### 6. Control



2.7. Troubleshooting

No Vedio Output:

- 1. Check M1 SSID and Password on MiCube Config.
- 2. Check M1, MiSling, MiCube Network.
- 3. Log in MiSling and check vedio output in configure interface (192.168.20.201)
- 4. Check MiCube used Telnet or RS232 Console
- 5. Check Hardware Error.