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# User Manual 3G/Wifi & XPro CMS Server

Siera

PRO

liera

Security

www.sieraelectronics.com

X-PRO Analytics Software

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# Part one -- 3G transmission

**PRO 6004 Login:** enter into PRO 6004 by pressing 'LOGIN/LOCK' or "setup" on the Remote Control.

UNIT ID: 0, the unit ID of PRO 6004 is shown in the right bracket.

PASSWORD: 888888888, the default admin password is 888888888.



### 1 PRO 6004 setup

#### 1.1 Insert SIM card

Please unlock and remove the HDD case, and then insert the SIM card as the following picture:



Remarks: please make sure the network of the SIM card corresponds with the built-in



wireless module.

#### 1.2 Register Info

SETUP>>SYSTEM>>REGISTER INFO

REGISTER INFO					
	UNIT S/N: 00640000C	B			
•	UNIT ID (00000-89999):	00001			
•	COMPANY NAME: VEHICLE NO.: DRIVER/ROUTE NAME:	NAME 9999 ABCD			
	VEHICLE S/N FOR CMS	02009			
			SAVE EXIT		

**UNIT S/N:** The serial number for PRO 6004. One PRO 6004 has only one S/N. This number is read from the special encrypted chip.

**VEHICLE S/N FOR XPro CMS Server:** This is very important. Only this number can be recognized by XPro CMS Server.

**Remarks:** when you connect PRO 6004 to CMS, make sure the vehicle "NO" and vehicle "S/N" are not blank; otherwise, it can't register on the message server. For the others, you can set it up as you want.

Scroll to **[**SAVE**]** to make the settings valid before you exit this interface.

#### **1.3 CHANNEL SETTINGS**

SETUP >> RECORD >> CHANNEL SETING



Make sure the enable switch for all the channels are **ON** 

**LIVE:** ON means you can see the live view in the monitor and OFF means no live video in the monitor.

**NAME:** the channel name is the name that will be displayed in the live view monitor.

**AUDIO:** OFF means this channel does not record audio; ON means it will record audio synchronously with the video.

Scroll to **[**SAVE**]** to make the settings valid before you exit this interface.

#### 1.4 SUB-STREAM

SETUP >> RECORD >> SUBSTREAM



To set up Sub-Stream: generally, MODE 1 is for Broadband (WIFI or Net cable), MODE 2 for 3G Transmission. If the 3G bandwidth is not sufficiently broad, choose MODE1 and setup the sub-stream resolution as QCIF.

Please choose MODE 2 and click on "SURE".

SUB-STREAM						
ВА		TH: 500	(20~4096)	Kbps	MAX CHANNELS: 4	
	СН ІД	EN	RES	FR	<u>ZAMA</u>	2
P	сн1/	ON	CIF 💌	6 🕶	-7-1-24	
	сна	ON 🔽	CIF 💌	6 💌	100 mm 2000	
	СНЗ	OFF 💌	CIF 💌	6 💌		
	СН4	OFF 🚽	CIF 💌	6 🕶		
	SUB-S		DE ADAP		SAVE EXIT	

Select MODE 2 and press 'SURE' to enter into the settings interface.

Normally, we setup the BANDWIDTH as 400 kbps (check with your SIM card provider for



more details).

**EN** = enable the channels, must be **ON** (make sure all channel sub-streams are on).

RES (resolution) and FR (frame rate) can be setup as required.

SUB-STREAM MODE: ADAPT (means Flexible).

Then save the settings.

#### 1.5 SERVER NETWORK



SERVER NETWORK						
CENTER SERVER IP 1:						
NET. OPTION:	MOBILE NET					
MESSAGE SERVER:	STATIC IP					
058.069.231.221						
PORT: 5556	PORT: 5556					
MEDIA SERVER IP:						
members.3322.org						
PORT: 10080	NEXT PAGE SAVE EXIT					



#### There are two pages for server setup, so you can setup two different server IPs.

**Central Server IP 1:** the public IP of the PC which you installed the message server.

Port: 5556 (Message server's listen port). Please change the port if you have changed

the message server port in the PC server.

The MEDIA SERVER IP and PORT have no use at present.

#### **1.6 MOBILE NETWORK**

Mode type: WCDMA (the built-in wireless module)



ACTIVE MODE: SENSOR

PRO	3G/WIFI & XPro CMS Server
	ACTIVE MODE
ACTIVE MODE:	ALWAYS, CALLISMS, SOESOR
PHONE 1:	
PHONE 2:	
PHONE 3:	A MERINE AND A CONTRACT
	SAVE EXIT

There are three options:

ALWAYS means the 3G module starts to work whenever PRO 6004 starts up;

CALL/SMS means the 3G module starts to work when PRO 6004 receives call from the

appointed phone number;

SENSOR means when there is an alarm; it will trigger the 3G module to start working.

**DIAL PARAMETERS :** 

PRO	3G/WIFI & XPro CMS Server
DIAL PARAM	IETER
APN: CNNET	
USER NAME:	
PASSWORD:	
ACCESS NUMBER : *99#	SAVE EXIT

APN (access point name): please check APN with your SIM card provider.

Access number: Default.

Please setup according to the following table.

Network Type	User name	Password	APN	Access number
CDMA	card	card		#777
EVDO	card	card		#777
WCDMA			Please check the APN with SIM card manufacture	*99#
GPRS	card	card	Please check the APN with SIM card manufacture	*99***1#
EDGE	card	card	Please check the APN with SIM card manufacture	*99*** <b>1</b> #
TD-SCDMA	card	card	Please check the APN with SIM card manufacture	'98'1#

**Remarks:** Our WCDMA module can support both WCDMA and GPRS networks. When you insert the 3G SIM card, you should setup the settings for WCDMA; when you insert the GPRS SIM card, you should select the module as WCDMA, and setup the APN and access number for the GPRS network.

#### 1.7 Check the SIM card status

After PRO 6004 automatically gets restarted, check the SIM card status by pressing "Enter" on the IR remote control:

PRO	3G/WIEL& XPro CMS Server
HEATER: ON	IGNITION: ON
TEMPERATURE: 84F	VOLTAGE:12.5V
SIM CARD:ON	SERVER:WCDMA
DIAL UP:DIALED-UP	SIGNAL:20
3G NET STATUS: CONNECTING	
WIFI NET STATUS:UNKNOW	WIFI:-95DB
LOCAL IP: 192.168.003.100	MCA:00-14-F5-02-3D-35
WIFI LOCAL SERVER IP:192.169.1.123	PORT:5556
WELNET: 055	D D D D D D D D D D D D D D D D D D D

If all settings are OK, the status should be:

SIM CARD→ON

**NETWORK→WCDMA** (the network of SIM card)

DIAL UP→ DIALED UP

**Remarks:** 

**SIM CARD:** PRO 6004 cannot detect the SIM card when it has a PIN number, so please delete it if there's one.

**SIGNAL:** PRO 6004 only starts to dial when the signal is greater than 9. If it is below 9, it will be on the IDEL status. In this case, please make sure you have connected the antenna, and try to put the antenna nearby the window.

**3G network:** SUCCESSFUL means PRO 6004 is already connected to the message server, but if the status is FAILED, it means PRO 6004 cannot connect to the message server, you should check whether the message server port is opened.

If PRO 6004 cannot dial up in 5 minutes, the status will change to:

PRO	3G/WIFI & XPro CMS Server
HEATER: ON	IGNITION: ON
TEMPERATURE: 84F	VOLTAGE:12.5V
SIM CARD:OFF	SERVER:NO SERVER
DIAL UP: UNKWON	SIGNAL:0
<b>3G NET STATUS: CONNECT FAIL</b>	.ED
WIFI NET STATUS:UNKNOW	WIFI:-95DB

It will start to dial again, in 5 minutes time.



# 2 CMS/PC setup

Close any anti-virus software that is open as it will stop video transmission.

Please turn OFF the firewall, or add the ports in the firewall as shown below:

Windows Firewal programs and se to work better bu	Add a Port	
Programs and Se	Use these settings number and protoc want to use.	to open a port through Windows Firewall. To find the port ol, consult the documentation for the program or service yo
Name		
Ø 8204 Ø ad6cm Mic	Name:	cms
I cms I cms	Port number:	7261
CMS FS		OTe OTe
File and Prin	What are the risks	of opening a port?
Kingsoft Po MessageSc	Change scope	) OK Cancel
Add Program	Add Port	Edt. Delete
Display a notif	ication when Windo	ws Firewall blocks a program

2.1 Open ports in the router for XPro CMS Server



**Remarks:** EMake sure you have opened all the ports for the XPro CMS Server.





#### 2.2 Check the local IP of the XPro CMS Server:

Get to the '**Properties**' interface for the local network, and then select the last item of the 'Internet Protocol (TCP/IP)', make sure the local IP is the one that you opened all the ports to, in the router.

	Internet Protocol (TCP/IP) Properties		
	General		
Wireless Network Connection Properties	You can get IP settings assigned autory this capability. Otherwise, you need to the appropriate IP settings.	omatically if your network supports o ask your network administrator for	
General Wireless Networks Advanced	🔘 Obtain an IP address automatica	ally	
Lonnect using:	Our of the following IP address: −		
Lonngure	IP address:	192.168.3.155	
This connection uses the following items:	Subnet mask:	255 . 255 . 255 . 0	
Cost Preter and Finite Sharing for Microsoft Networks     Sector Scheduler     Sector Scheduler     Finitemet Protocol (TCP/IP)	Default gateway:	192.168.3.2	
	Obtain DNS server address auto	omatically	
Install Uninstall Properties	Output the following DNS server accepted by the server accepted b	ddresses:	
Description Transmission Control Protocol/Internet Protocol. The default	Preferred DNS server:	202 . 96 . 134 . 133	
wide area network protocol that provides communication across diverse interconnected networks.	Alternate DNS server:		
<ul> <li>Show icon in notification area when connected</li> <li>Notify me when this connection has limited or no connectivity</li> </ul>		Advanced	
OK Cancel		OK Cancel	

#### 2.3 XPro CMS Server installation

There is only one EXE program file, to install the server please just run the .EXE.



After the installation of the server, there will be a 📴 server icon on right-down of the

screen, please click this icon to check the running status of each part.



The green icon before each server means it is running normally.

lpha Red Cross means it stops. Please click on that server and then click on Start

server button to restart it.

😼 Server	
Configure View Install server Help	
Control	
Start server Stop server	
Server name Status	Description
Center server Stop	
P Transmit server Normally run	
PMessage Server Normally run	
Control Server Normally run	
★ XPro Mobile Servi∈ Normally run	
Current server status	
Current status Stop	

If still cannot work, please choose that server and click on Install server, choose install current server first and then click on start server button to start it. If no result, please contact us.



#### 2.4 Network setup

Please start the network setup from Start-All programs-XPro CMS Server:



Input the WAN IP for Register server IP and Local public IP.

Register port: 5556; Receive Video Data Port: 7263

PRO		3G/WIFI & XPro CMS Server
<b>Retwork Setup for Trans</b>	uitServer	
Advise not to modify the i	nitial port if not necessary.	
RegisterServer IP	58.60.231.221	
Register Port	5556	
LocalPublic IP	58.60.231.221	
Receive Video Data Port	7263	
Save	Exit	

Add local IP for both IP addresses. The Ports are 5556 & 7263 (remember to open the ports for the firewall/Control panel/Security Centre/Window Fire Wall/Exceptions, and add all the ports to 10008, 5556, 17891, 7263).

#### 2.5 Message server

Please double click on this server to check the device and client online information:

Client list	ent list			List				
Online	Server IP	Time	Online	Deivce ID	Device IP	Vehicle plate	Time	
Yes	127.0.0.1	14:55:38	Yes	1438	127.14.38.55	1438	14:55:38	
			-					
	Total 1 cliente a				Tatal 0 v	obislas ara oplina		



#### Setup message server:

🖬 Server	$\mathbf{X}$
Configure View Install server Help	
autoruns Configure center server. Config Message Server	
Server name       Status         Center server       Normally run         Transmit server       Normally run         Message Server       Normally run         Control Server       Normally run         XPro Mobile Servi       Normally run         Current server status       Current status	Description
Configure View Instell server Help Contro Contro Ste Control	
Server IP 127.0.0.1 Cer Tra Mes Cor XPr	
Current status Normally run	Save

This port must be the same as the port being setup in PRO 6004.

PRO		3G/WIFI & XPro CMS Server
	SERVER NETWORK	
	1:	
NET. OPTION:	MOBILE NET	
MESSAGE SERVER:	STATIC IP	
058.069.231.221	A Lagard	
PORT: 5556		

The listen port 5556 must be opened in the router for PRO 6004 to connect to the message server. If no device is online when testing, please check:

(1) Whether you have correctly setup and saved the ID of PRO 6004, VEHICLE S/N FOR

XPro CMS Server, and VEHICLE No.

REGISTER INFO										
•	UNIT S/N: 00640000C	B								
	UNIT ID (00000-89999):	00001								
•	COMPANY NAME: VEHICLE NO.: DRIVER/ROUTE NAME:	NAME 9999 ABCD		-						
	VEHICLE S/N FOR CMS	02009								
	A PAR		SAVE EXIT							

(2) Whether the register port (5556) is opened:



The following screen will pop up if the port has opened; otherwise, please check the

port in the router.

🚚 Telnet 58.60.231.221	- 🗆 🗙
	<u> </u>
	-

(3) Follow the commands; make sure the listen ports statuses are 'LISTENING' after you

have started the message server:

	PRO		3G/\	WIFI & XPro CMS Server
C:\WI	DOWS\system32\cmd.exe			- 🗆 ×
Microsof (C) Copy	t Windows XP [Version 5 right 1985-2001 Microso	.1.2600] ft Corp.		
C:\Docum	ents and Settings\Admin	istrator <mark>&gt;</mark> netstat -a		
Active C	connections			
Proto	Local Address	Foreign Address	State	
TCP	microsof-6b15aa:http	microsof-6b15aa:0	LISTENING	
TCP	microsof-6b15aa:epmap	microsof-6b15aa:0	LISTENING	
TCP	microsof-6b15aa:https	microsof-6b15aa:0	LISTENING	
TCP	microsof-6b15aa:micros	oft-ds microsof-6b15a	a:0 LISTENING	
TCP	micwosof-6h15aa-1871	microsof-6h15aa-0	LISTENING	
TCP	microsof-6b15aa:5556	microsof-6b15aa:0	LISTENING	
TGP	microsof-bbl5aa:6059	microsof-bbl5aa:0	LISTENING	
TCP	microsof-6b15aa:7260	microsof-6b15aa:0	LISTENING	
TCP	microsof-6b15aa:16877	microsof-6b15aa:0	LISTENING	
TCP	microsof-6b15aa:28792	microsof-6b15aa:0	LISTENING	
TCP	microsof-6b15aa:2517	microsof-6b15aa:0	LISTENING	
TCP	microsof-6b15aa:6059	localhost:21175	TIME_WAIT	
TCP	microsof-6b15aa:20745	microsof-6b15aa:0	LISTENING	
TCP	microsof-6b15aa:20745	localhost:20748	ESTABLISHED	
TCP	microsof-6b15aa:20748	localhost:20745	ESTABLISHED	
TCP	microsof-6b15aa:41309	microsof-6b15aa:0	LISTENING	
TCP	microsof-6b15aa:netbio	s-ssn microsof-6b15aa	:0 LISTENING	-

Last, make sure the message server IP in PRO 6004 is correct. Please contact the representatives of Siera Holding Group if it cannot connect to the message server.

#### 2.6 Configure vehicle

Use Microsoft IE 6.0 or 8.0 to login "http://127.0.0.1:7260", the default user name and



password are admin

After login, please follow the below picture to setup the vehicle information



Click on Basic function=> click on Center=> Add group => Add vehicle:

Vehicle plate:	02010		Muse be filled, length is up to 15
Group:	TEST	~	Please choose group
Device ID:	dns:02010		Must be filled, length is up to 15
Transmit IP:	58.60.231.218		Optional
Port:	17891		<ul> <li>Must be filled, port can only be number</li> </ul>
Channel count:	4		<ul> <li>Must be filled, channel can only be number</li> </ul>
Device type:		~	De Hamber
Driver:			Optional, length is up to 15
Card number:			Optional, length is up to 15
Remark info.:		~	
		V	

Transmit Server Setting:

Vehicle Plate: AAAA

Device type: PRO 6004 (Default)

Device ID: 02009 (same as the PRO 6004 setting on System-Register Info-Vehicle S/N for XPro CMS Server: 02009).

Transmit IP: 58.60.231.221 (For 3G transmission, it must be the public IP of the server; but for WIFI or net cable, use the local network IP).



#### Apply video on IE 2.7

After the above setup, go to home page, you can see the vehicle is online.

Please right click on the green vehicle icon to apply video or playback GPS.

😑 🛅 TEST										
🛻 🗹 X1107										
an 🔀 🗹 🖂										
🚗 🗹 X1104										
🚗 🗹 A301										
😑 🛅 SZGJ										
a SZGJ0003 🛃										
a SZGJ0005 🛃										
🚗 🗹 szgj0006										
a SZGJ0001 🔁	Pod	moons	ələrm	ic	triggorod	on	thic	vohiclo	Groop	moone
	neu	means	aiaiiii	15	uiggereu	UII	ulls	venicie,	Green	means

online; Grey means offline.

#### 2.8 CMS client setup

Input the transmit server IP here. If in LAN, please input the local IP, if in WAN, input the public IP.

X-PRO Mobile CM	S 2.0.3.24
P	RO
Servidor	127.0.0.1:7260
Usuario	admin
Contraseña	*****
Avanzado	Recordar OK Cancelar
Predetermi	
- Servidor de me	nsajes
IP	192.168.0.100
Puerto	5556

If you install the message server and transmit server on the same PC, and all ports are the default ones. Please tip Default here. Otherwise, please input the message server IP and port.



#### 1. Click to check 10. System 2. Change windo 6. GPS 5. Video & 7. Log 8. Geo 9. Download Playbac Transmission ence Info 0.4-36-05 17.41-2 3. Vehicle tree 11. Check alarm Info. 4. Right menu 12. Map 15 Basic Info & PTZ 13. Total vehicle No. Online vehicle No. GPS No. 14. System log Alarm log Show

3 XPro CMS Client application

Please check the whole interface.

#### 3.1 Apply video

Right click on the online vehicle icon to get video. When the cameras are correctly

connected, the main icons will be green.

Double click on the individual cameras, and then the videos will be showing on the live

view window panels on the right below.



There are three options for window mode:

Video: Video only.

Map: Map only.

Video/Map: Show both video and map.



Click to turn on/off the audio. Click on the channel that you would like to hear, CMS can only play one audio channel at a time.

Click 4, 6, 8, and 16 to change the number of screens to be displayed.

	SERVERIP	192.168.7.231	VOLT 12 V	FRAME 24
Ę.	IGNITION	OFF	TEMP 33 C	SIZE 336

If you can't get video, please right click on the green vehicle to check the setup of



sub-stream: make sure you use Mode 2 for 3G network. And the sub-stream o is enabled.

SetStream							
Net Mode	Mode 2	~					
Video Mode	PAL	V					
Total Band Width	4096		096)				
1 - 4							
	Enable	Resolution	Frame	Qua	ality	Bit	
Channel 1	ON -	CIF 💌	18	▼ 1	<b>v</b>	1024	
Channel 2	ON 💌	CIF 💌	18	▼ 1	Ŧ	1024	
Channel 3	ON -	CIF 💌	18	• 1	Ŧ	1024	
Channel 4	ON -	CIF	18	• 1	Ŧ	1024	
Sub Streaming co	de Fix	<b>T</b>					
	ac jin						
					[	Ok	Cancel
					L		cancer

#### 3.2 Get GPS

If the PRO 6004 is online, when you click on its icon, the map will automatically locate it.

If you cannot get GPS, please right click on the vehicle icon, choose GPS setup:

GPS setup 02009		
C Close upload GPS	2	02009: Device
Open upload GPS		
Interval	10	Second
		OK Cancel



## Part two—WIFI transmission

# 4 PRO 6004 setup

#### 4.1 Register Info

SETUP>>SYSTEM>>REGISTER INFO

	RI	GISTER IN	FO	
	UNIT S/N: 00640000 C	B		9
•	UNIT ID (00000-99999):	00001		m
	COMPANY NAME:	NAME		
	VEHICLE NO.:	9999		a g
	DRIVER/ROUTE NAME:	ABCD		9.11
	VEHICLE S/N FOR CMS	02009		
L	12270		SAVE EX	π

**UNIT S/N:** The series Number for PRO 6004. One PRO 6004 has only one S/N. This number is read from the special encrypted chip.

**VEHICLE S/N FOR CMS:** This is very important for XPro CMS Server. Only this number can be recognized by XPro CMS Server.

**Remarks:** When you connect PRO 6004 to XPro CMS Server, make sure the vehicle No. and vehicle S/N are not blank, otherwise, it can't register on the message server. For others you can setup on your discretion.

**(**SAVE**)** to make the setting valid.

#### 4.2 CHANNEL

SETUP >> RECORD >> CHANNEL SETING



Turn ON all the required channels.

**LIVE:** Display video recordings on the monitor. ON means you can see the video on the monitor and OFF means no video on the monitor.

NAME: The channel name which will be showing on the live view monitor.

**AUDIO:** OFF means the channel does not record audio; ON means recording audio synchronously with the video.

#### 4.3 SUB-STREAM

SETUP >> RECORD >> SUBSTREAM



To set up the Sub-Stream: generally, MODE 1 for Broadband (WIFI or Net cable), MODE

		SUB-S	TREAM			
сн ір	EN	RES	FR	QUALITY	Kbps	
СН1	ON 💌	CIF 💌	6 💌	1 -	0128 🔫	1
СН2	OFF 💌	CIF 💌	6 💌	1 💌	0128 💌	
снз	OFF 💌	QCIF 💌	6 💌	1 👻	0128 💌	
CH4	OFF 💌	QCIF 🕶	6 💌	1 💌	0128 💌	
					2	
			-4			
				SAVE	ХІТ	

EN = enable the channels, required to be ON (make sure all channel sub-stream are on) RES (resolution) and FR (frame rate) need to be setup as required.

2 for 3G Transmission. Please choose MODE 1 here and click on "SURE".



#### 4.4 SERVER NETWORK



	1:
NET. OPTION:	WIFI OR CABLE NET
MESSAGE SERVER:	STATIC IP
192.168.001.012	
PORT: 5556	
MEDIA SERVER IP:	
members.3322.org	
PORT: 10080	
	NEXT PAGE SAVE EXIT

Central Server IP: 192.168.1.12. This is the PC IP on which you installed the message server.

Port: 05556 (same as Message server's listen port), If you change the message server port, please don't forget to change the port here.



The MEDIA IP and PORT have no use at present.

#### 4.5 WIFI setup

 $\mathsf{SETUP} \to \mathsf{NETWORK} \to \mathsf{WIFI}$ 

			W	FI		
۲	WIFI:	ON/OFF				
	IP:	192.10	68.001.100			
	SUB:	255.2	55.255.000			
	GATE:	192.10	68.001.001			E REED ST
	ESSID :	st	reaming			
	GET IP T	YPE :	STATIC IP/	AUTO IP		
P	ASSWOR	DENABLE:	ON/OFF	-		
					SAVE	EXIT
		- Contraction	177			

Turn 'ON' the WIFI ENABLE.

Set the PRO 6004 IP address as: 192.168.001.012

(As long as it is the same as the IP group as the laptop 192.168.1.12 & the router

192.168.1.1)

SUB: 255.255.255.000

GATE: 192.168.001.001 (router IP)

ESSID: streaming (name of your router ID)

GET IP TYPE: STATIC IP. STATIC IP for the WIFI server is assigned by an administrator; and

AUTO IP can be assigned by the Dynamic Host Configuration Protocol (DHCP).

Password Enable: OFF. If the WIFI server needs a password, then you can input a 5-digit password here.

Then press SAVE to save the settings. Now the SDR 6004 IP address is setup.

Please note:

(1) All IP addresses here must be 3 FULL digits for each set. For example: the usual IP 192.168.1.1 should become 192.168.001.001 on all PRO 6004 settings.



(2) WIFI router has two kinds of password, WAP and WPE 2. For WAP you can choose either HEX or ASCII type key, but our PRO 6004 only supports: WAP, 64 bits, 5-digit ASCII key. So please make sure your WIFI router password is 5-digit WAP ASCII.

(3) Please change the local IP to 192.168.000.000; it cannot be the same segment with the WIFI IP.

#### 4.6 Check PRO 6004 WIFI connection

Press 'Enter' on the IR remote control to check the WIFI status, the WIFI signal should be showing like below when SDR 6004 has successfully connected to the WIFI router:

HEATER: ON	IGNITION: ON				
TEMPERATURE: 84F	VOLTAGE:12.5V				
SIM CARD:OFF	SERVER:NO SERVER				
DIAL UP: UNKWON	SIGNAL:0				
3G NET STATUS: CONNECT FAILED					
WIFI NET STATUS: CONNECT SUCCESS WIFI: 45DB					

The connection is OK if the signal is not -95DB.

Remarks: If PRO 6004 cannot connect to the WIFI router even when all the settings (router IP, ESSID, password and PRO 6004 WIFI settings) are right, then please check whether the WIFI router has a fixed frequency channel.

# 5 CMS/PC setup

No need to map any port if WIFI is used to transmit video.

Please close the anti-virus software.

#### 5.1 XPro CMS Server installation

Please refer to 2.3 CMS installation.

#### 5.2 Setup the IP for PC:

Search for wireless network connection and connect to the network named 'streaming' (the ISSID you setup in PRO 6004):



Double click on the wireless PC icon (on the bottom right of your PC for wireless connection).

10	Window Network Connection	n Status 😰 🔀	
Annual and a local	General Support		
-	Convection		
	Statut	Connected	
	Network:	ATMS	
	Duration	0017:09	
	Speed	54.0 Mapa	
	Signal Storight	-100 est	
	400.00		
	Sevt -	- Beceived	
		24	and the second se
This real and the	Packets 151	6	Double Click on the wireless PC
			'Properties'
3.	Proster Duste	View Witteen Kehenden	
		Dese	
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			10 10 10 10 10 10 10 10 10 10 10 10 10 1
CP65ettings_(160130).	👍 Writis Wown Co 🕴	<sup>(1)</sup> Weeless National Co	म <b>२ अन्यने</b> श्व

#### Click on 'Properties'

Then Scroll down to the last item of the 'Internet Protocol (TCP/IP)' and choose 'Use the following IP address'.



🕹 Wireless Network Connection Properties 🛛 🕐 🔀
General Wireless Networks Advanced
Connect using:
Intel(R) PRO/Wireless 3945ABG Net Configure
This connection uses the following items:
File and Printer Sharing for Microsoft Networks     QoS Packet Scheduler
Internet Protocol (TCP/IP)
Install Uninstall Properties
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
<ul> <li>Show icon in notification area when connected</li> <li>Notify me when this connection has limited or no connectivity</li> </ul>
OK Cancel
Internet Protocol (TCP/IP) Properties
General Constant of the second

internet Protocol (TCP/IP) Proper	rties				
General					
You can get IP settings assigned autom this capability. Otherwise, you need to a the appropriate IP settings.	atically if your network suppor Isk your network administrator	ts for			
<ul> <li>Obtain an IP address automatically</li> </ul>	,				
Ouse the following IP address:					
IP address:	192.168.1.12				
Subnet mask:	255 . 255 . 255 . 0				
Default gateway:	192.168.1.1				
Obtain DNS server address automatically OUse the following DNS server addresses:					
Preferred DNS server:					
Alternate DNS server:	· · ·				
Advanced					
	ОК Са	ancel			

Fill in the IPs as follows:

Laptop IP: 192.168.1.12

Sub: 255.255.255.0.



Gate: 192.168.1.1 (Router IP)

Note: it requires a wireless router to connect to the laptop and PRO 6004.

#### 5.3 Check whether the laptop and PRO 6004 are connected correctly

Ping PRO 6004 IP from laptop promptly by clicking:

Start – All Programs – Accessories – Command Prompt:

and type cmd, then press enter, and type Ping 192.168.1.13 (There is a reply when PRO

6004 and the laptop are connected, and please check the connection if there is no

reply).



#### 5.4 Xpro CMS Server setup/application

Please refer to chapter 2 and chapter 3.