



Network Management System for HFC

User's Manual



1. RIGISTER and SETUP

- 1) Run "setup.exe" or run "Wiseview Setup.exe".
- 2) Click "NEXT" to over the software Setup.
- 3) Register the software:

Run the "Wiseview NMS for HFC" on the desktop, logging in the system (P-1-1). Then close the software (you must close the software at least on time, if you need register the software). After that, go to installing directory "...\Wiseview NMS for HFC\", send "LICENSE" file to our company, then we will give you "register code". If you have registered the software, you will see the "registered" information on the software title (P-1-2).



P-1-1



System Log View 🔚 alarm records of equipment View



2. Software using

SNR-OR-114-09 Optical Receiver for example

Run the "Wiseview NMS for HFC" on the desktop, logging in the system (P-2-1). The default username and password you can get from "readme" text file in "Wiseview Setup" folder.



P-2-

(1) "File(F)" MENU

Click "Address search" submenu (P-2-2)

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Input your equipment "Start IP Address" and "Final IP Address", the start search.(P-2-3)

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🔚 System Log	; View 🔚 alarm r	P-2-3	

Then your equipment will be in "Unregistered equipment sub-group", right click device, click "register the device" submenu (P-2-4)

- W 1	liseview NLS for HFC [Registered]				
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62	DeleteDevice Delete equipment 192 168 1 1170192 168 1 117		2009-12-31	10 21 43	
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75	LogonSystem StartupWiseview NMS for HFC		2009-12-23	15:51:30	~
	, System Log View 🔚 alarm records of equipment View				



Then select sub-group you want device to move to (P-2-6)

₩Viseview NHS for HFC [Registered]		
: File(E) Setting(C) Manage(M) Tools(C) View(V) Help(H)		
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75 ExitSystem ExitWiseview MMS for HPC 75 LogonSystem StartunWiseview MMS for HPC	200	9-12-23 15:51 35
System Log View alarm records of equipment View	\mathcal{P}	
P-7		

After that you will see the device in the registered equipment sub-group. (P-2-7)





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Right click the blank of "Unregistered equipment sub-group", you can "Create IP equipment", "Create User sub-group", "Refresh tree view", "Expand tree node", "Folding tree node", "Find device address".(P-2-8)

Tree of equipment view	φ×	192.168.1.168 [192
Registered equipment sub-group		
Center Room 192.168.1.168 TP Optical Receiver D Laster Receiver Station SNR-OR-114-09 SN WL00000001 Create IP equipment Create user sub-group Refresh tree view Expand tree node Folding tree node Find device address		OPTE

Right click the sub-group of "Unregistered equipment sub-group", you can "Create IP equipment", "Renamed the Sub-Group", "Delete the Sub-Group", "Create sub-sub-group", "Expand sub-sub-Group", "Folding sub-sub-Group", "Folding tree node", "Find the device address" (P-2-9).



Right click the device of "Unregistered equipment sub-group", you can "Display Parameter View", "Modify read-only community", "Modify read-write community", "Expand Display", "Hidden Folding", "Rename the device", "Delete the device", "Modify the device IP" (P-2-10).



🌮 Viseview NES for HFC [Registered]		
: File(F) Setting(C) Manage(M) Tools(T) View(V) Help(H)		
Address Search 🍭 Broadcast Search 👔 Sh-mes Service M	dule configuration 😿 Voice alarm control 📝 Real-time parameter analyzer 🍝 Right management setting	g ((~))
Tree of equipment view 4 × 192.168.1.1	8[192, 168, 1, 168]	↓ ↓ x public attribute of equipm… □ 4 ×
Registered equipment sub-group	- A-	Name value
Center Room 102183 ***Ce 10218 ***Ce	OFTRV parameters HFC Farameters Input power: 100 Min Return bias current: 100 DC power: 100 +00 7.8V +24 100	Syste Jake Syste Jake Syste De., Wil 2009/07/31 Syste De., Wil 2009/07/31 Syste De., Wil 2009/07/31 Syste De., Office System Porer-Lae Office System Porer-Lae System System Porer-Lae System Porer-Lae System System Porer-Lae System System Porer-Lae System Porer-Lae System System Porer-Lae Syste
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83 AddrRangeSe Addresses from192.168.1.2to192.168 82 DeleteBrvice Delete equipment 192.168.1.1176102	1.253Search Class II equip 2009-12-31 10:22:05 109.1 117 2009-12-31 10:21:43	
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P-2-10

Double click the device or right click the device and select the "Display Parameter View" submenu, you will see the device parameter. (P-2-10)

Right click the device and select the "Modify the device IP" submenu, you can change device IP address (only our optical receiver and workstation can change IP through this way) (P-2-12)

OPTRV parameters	HTC Parameters
Input power Return bias	-99.9dBm Return Optical Power -99.9dBm
DC Fower? Channel NO.	Name New IP Addr: 192.168.1.168 +8Y New Gateway Addr: 192.168.1.1 +24 New subnet mask: 255.255.255.0 : 3 Modify(0) Cancel (1)
	atput Level RFFORT1 1 dB 2 dB





(2) "Setting(C)" MENU

Click the "Setting(C)" menu, you can see submenu "Sh-mes Service Module configuration" and "Voice alarm control". If you want Short message service ,you need another equipment and contact mobile Communications Corporation. As usual "Voice alarm control" if checked (P-2-13)

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P-2-13	

(3) "Manage (M)" MENU

Click the "Setting(C)" menn, you can see submenu "Examine day's alarm records"," Examine day's operation records" and "Right management setting".(P-2-14)

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Network Management System for HFC

1. Click "Examine day's alarm records" submenu, you will see today's alarm records.(P-2-15)



2. Click "Examine day's operation records" submenu, you will see today's operation records.(P-2-16)

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	Login time		
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P-2-16

3. Click "Right management setting" submenu, you can manage your authority (P-2-17).

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Network Management System for HFC

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(4) "Tools (T)" MENU

In this menu ,allows you to use scientific calculator, hyper terminal, ping diagnostic device and real-time parameter analyzer(P-2-18)

Wiseview MLS for HPU [Kegistered]		
: File(E) Setting(C) Manage(M) Tools(C) View(V) Help(
Address Search Scientific Calculator	onfiguration Voice alarm control	-time parameter analyzer 🐱 Right management setting
Hyper Terminal		
Tree of equipment view PING Diagnostic device	168. 1. 108]	↓ x public attribute of
Registered equipment sub-g	lyzer	Name value
Center Room		System name System OID 1.3.6.1 System De V1.1 200
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SNR-0R-114-09		
	OPTRV parameters HFC Parameters	
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	\sim	
	Return bias current: Ont	
	DC power:	
	Name Voltage	description of equip
	+8V 7.7V +24 0.0V	
	Channel NO.: 3	
	Output ports ATT EG	Q Output Level
	RFFORT1 14B 2	2dB Odday
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Sin Onregistered et up intern sub-group		
	P_7_18	
	1-2-10	

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(5) "View (V)" MENU

In this menu, allows you to manage View operations.

(6) "Help (H)" MENU

In this menu, you can see your registering information (P-2-19), and software information (P-2-20)



Fellure of equipment sub-group Urregistered volument sub-group System Lag System Log Sy



3. Device Operation

One case: the button "Real-time parameter analyzer" is checked (black color is yellow). For analog parameter(include "input power", "Return Optical Power", "Return Bias current", "+8¹/", "+24V", "output level"), double click corresponding textbox, you will see the real-time value of parameter(P-2-21)

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Failure of equipment sub-group Unregistered equipment sub-group		~
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		System Time: 12:53:46
	P-2-21	

Another case: the button "Real-time parameter analyzer" is unchecked. For analog parameter (include "input power", "Return Optical Power", "Return Bias current", "+8V", "+24V", "output level"), double click corresponding textbox, you can set Alarm threshold.(P-2-22)

Tree of equipment view	4 × 192. 168. 1. 168 1.92. 168 1. 168]		4	<pre>> x public attribute of equipm</pre>
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System Log View				
Log Number Log type Log content	uipment:Enter the name of the device@255.255.255	Login time 255 2009-12-31 12:18:50		
		1 2009-12-31 11:16:25		



Set channel number:

Double click "Channel No" textbox; you can set the HFC system's channel number (P-2-23)



Set ATT:

Double click "ATT" textbox; you can set the attenuation of the RF line (P-2-24)

Registered equipment sub-group	102.100.1.100	Nane	value
Center Room 5 192.168.1.168 10 Optical Receiver 10 Laster Receiver Station 10 SHR-CR-114-09 SH VL.0000001 10 SHR-CR-114-09 SH VL.0000001	SNR-OR-114-09 Connected normal.	System name System OID System De Contact I System po Power-time	.1.3.6.1.4.1. V1.1 2009/07, ODays2Hours53
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Failure of equipment sub-group	P-2-24		
	1-2-2+		

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Set EQ:

Double click "EQ" textbox; you can set the equilibrium of the RF line (P-2-25)



Set Trap Address:

Click "HFC Parameter" button, you will see the table of "IP Address of Trap" (P-2-26)





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Double click trap Address textbox, you can set new trap address, as usual it is your computer's IP Address, then if the alarm take place, the device will send trap to your computer.

