Drawing No.	Rev.	Page
NHL-5FV2-W18	G	1 / 10

SPECIFICATIONS

Product Name: Network Monitor Signal Tower with MP3

Model: NH 🗆 - 🗆 FV2 🗆 - 🗆 🗆 🗆

生産終了 Production end

PATLITE Corporation

Drawing No.	Rev.	Page
NHL-5FV2-W18	G	2 / 10

1. General Specifications

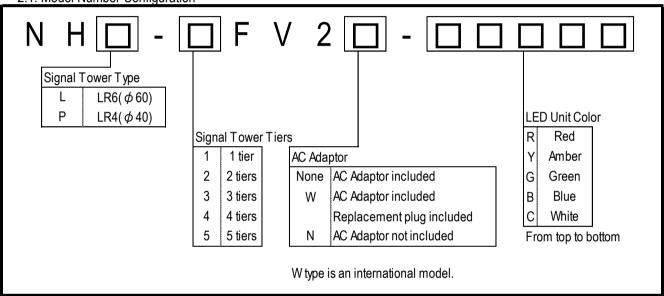
	5 tiers	NHL-5FV2	NHP-5FV2		
	4 tiers	NHL-4FV2	NHP-4FV2		
Model	3 tiers	NHL-3FV2	NHP-3FV2		
	2 tiers	NHL-2FV2	NHP-2FV2		
	1 tier	NHL-1FV2	NHP-1FV2		
Rated Voltage		24VDC (Main Unit)			
	AC Adaptor	Input: 100VAC - 240VAC (50/60Hz) Output: 24VDC			
Operating \	/oltage Range	Rated Voltage ±10%			
Rated Power		Standby: 2.2W Maximum: 3.5W	(with AC Adaptor, 100VAC input)		
Consumption	LED Unit	1.0W (per Unit)		
Operating Amb	ient Temperature	0°C - +40°C (No Dew or Condensation)			
	nbient Humidity	20% - +80% RH (No	Dew or Condensation)		
	ent Temperature	-10°C - +60°C (No			
	bient Humidity	20% - +80% RH (No			
	g Location		r Only		
	g Direction		ight		
	ion Rating		20		
	Resistance		art and non-current carrying metallic part *1		
			between live part and non-current carrying		
Withsta	nd Voltage	metallic part without			
Mass	5 tiers	1270g	1085g		
(Tolerance	4 tiers	1210g	1050g		
±10%)	3 tiers	1150g	1015g		
(AC Adaptor		1090g	980g		
not include)	1 tier	1030g	945g		
Outer Dimensions		Refer to the Outer Dimension Drawing			
Outer D	imensions	Refer to the Outer	Dimension Drawing		
	essure Level	88dB (or more		
	essure Level Environmental	88dB of Front direction from the center, at 1m,	or more (1kHz sine wave played back at -6dB)		
Sound Pro	essure Level Environmental Condition	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment.	or more (1kHz sine wave played back at -6dB) onment, the sound pressure level will change.		
Sound Pro Audio L	essure Level Environmental Condition ine Output	$88 dB c$ Front direction from the center, at 1m, MP3 data of the content and use of the environment 600Ω OdBv (Unbalance)	or more (1kHz sine wave played back at -6dB) conment, the sound pressure level will change. ed, Monaural Mini-Jack)		
Sound Pro Audio L Communic	Environmental Condition ine Output ation Method	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment of the service of the environment of the service of the	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. eed, Monaural Mini-Jack) s to the IEEE 802.3)		
Sound Pro Audio L Communic (L	Environmental Condition ine Output eation Method AN)	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment of the e	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. sed, Monaural Mini-Jack) set to the IEEE 802.3) gotiation, Full Duplex / Half Duplex)		
Sound Pro Audio L Communic (L Interface	Environmental Condition ine Output eation Method AN) USB Port	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment of the e	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. eed, Monaural Mini-Jack) s to the IEEE 802.3) egotiation, Full Duplex / Half Duplex) ch (For USB Memory)		
Audio L Communio (L Interface External C	Environmental Condition ine Output ation Method AN) USB Port ontact Output	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment of the e	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. sed, Monaural Mini-Jack) set to the IEEE 802.3) gotiation, Full Duplex / Half Duplex)		
Audio L Communic (L Interface External C	Environmental Condition ine Output ration Method AN) USB Port ontact Output umber of Contacts	88dB c Front direction from the center, at 1m, MP3 data of the content and use of the environment of the en	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. sed, Monaural Mini-Jack) se to the IEEE 802.3) segotiation, Full Duplex / Half Duplex) ch (For USB Memory) contact output		
Audio L Communic (L Interface External C	Environmental Condition ine Output eation Method AN) USB Port ontact Output umber of Contacts Contact Capacity	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment of the e	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. eed, Monaural Mini-Jack) s to the IEEE 802.3) egotiation, Full Duplex / Half Duplex) ch (For USB Memory) contact output (5VDC @ 1mA , Minimum, Reference)		
Audio L Communic (L Interface External C	Environmental Condition ine Output eation Method AN) USB Port ontact Output umber of Contacts Contact Capacity Wire Diameter	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment of the e	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. Sed, Monaural Mini-Jack) Se to the IEEE 802.3) Egotiation, Full Duplex / Half Duplex) Sch (For USB Memory) Contact output 1 (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20)		
Audio L Communio (L Interface External C	Environmental Condition ine Output eation Method AN) USB Port ontact Output umber of Contacts Contact Capacity Wire Diameter Wiring Method	88dB c Front direction from the center, at 1m, MP3 data of the content and use of the environce 600 Ω 0dBv (Unbalance Ethernet (Conforma 10BASE-T / 100BASE-TX (Autoine USB2.0 / 1.1 Type-A 1c Non-voltage c (30VDC @ 3A) inrush current 5A or less Solid Wire / Stranded Wire: Φ Screwless te	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. sed, Monaural Mini-Jack) set to the IEEE 802.3) gotiation, Full Duplex / Half Duplex) ch (For USB Memory) contact output 1 (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) erminal block		
Audio L Communio (L Interface External C	Environmental Condition ine Output eation Method AN) USB Port ontact Output umber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Input	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment of the e	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. sed, Monaural Mini-Jack) set to the IEEE 802.3) gotiation, Full Duplex / Half Duplex) ch (For USB Memory) contact output 1 (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) erminal block		
Audio L Communio (L Interface External C External C	Environmental Condition ine Output ation Method AN) USB Port ontact Output umber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Input umber of Contacts	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment of the environment of the content and use of the environment of the content and use of the environment	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. Sed, Monaural Mini-Jack) Se to the IEEE 802.3) Segotiation, Full Duplex / Half Duplex) Sch (For USB Memory) Scontact output 1 (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) Serminal block Sput NPN Transistor		
Audio L Communio (L Interface External C External C	Environmental Condition ine Output eation Method AN) USB Port ontact Output umber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Input	88dB c Front direction from the center, at 1m, MP3 data of the content and use of the environce 600 Ω 0dBv (Unbalance Ethernet (Conformation 10BASE-T / 100BASE-TX (Autoine USB2.0 / 1.1 Type-A 10 Non-voltage of Screwless to Non-voltage contact in Non-voltage contact in "ON" output current @	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. Sed, Monaural Mini-Jack) Set to the IEEE 802.3) Segotiation, Full Duplex / Half Duplex) Ch (For USB Memory) Contact output (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) Comminal block Comput NPN Transistor (4) Comput NPN Transistor		
Audio L Communio (L Interface External C	Environmental Condition ine Output ation Method AN) USB Port ontact Output umber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Input umber of Contacts	88dB c Front direction from the center, at 1m, MP3 data of the content and use of the environce 600 Ω 0dBv (Unbalance Ethernet (Conformation 10BASE-T / 100BASE-TX (Autoine USB2.0 / 1.1 Type-A 10 Non-voltage of Non-voltage of Screwless to Non-voltage contact in "ON" output current @ Terminal OFF conditions at 1m, 1m, 1m, 2m, 2m, 2m, 2m, 2m, 2m, 2m, 2m, 2m, 2	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. ded, Monaural Mini-Jack) se to the IEEE 802.3) gotiation, Full Duplex / Half Duplex) ch (For USB Memory) contact output 1 (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) erminal block uput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC		
Audio L Communio (L Interface External C	Environmental Condition ine Output lation Method LAN) USB Port ontact Output lumber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Input lumber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Input lumber of Contacts Contact Capacity Wire Diameter	88dB of Front direction from the center, at 1m, MP3 data of the content and use of the environment of the content of the c	or more (1kHz sine wave played back at -6dB) conment, the sound pressure level will change. Sed, Monaural Mini-Jack) Se to the IEEE 802.3) Segotiation, Full Duplex / Half Duplex) Sch (For USB Memory) Scontact output 1 (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) Serminal block Seput NPN Transistor 4 6mA or less per cannel Stion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20)		
Audio L Communio (L Interface External C	Environmental Condition ine Output lation Method LAN) USB Port contact Output lumber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Capacity Lumber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Capacity Wire Diameter Wiring Method	Front direction from the center, at 1m, MP3 data of the content and use of the environgment of the environgment of the content and use of the environgment of the content and use of the environgment of the	or more (1kHz sine wave played back at -6dB) conment, the sound pressure level will change. Sed, Monaural Mini-Jack) Set to the IEEE 802.3) Segotiation, Full Duplex / Half Duplex) Ch (For USB Memory) Contact output (1 (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) Comminal block Comput NPN Transistor (4 6mA or less per cannel Contact output (6mA or less		
Audio L Communio (L Interface External C Nt () External () Operati	Environmental Condition ine Output ration Method AN) USB Port ontact Output umber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Input umber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Capacity Wire Diameter Under Of Contacts Contact Capacity Wire Diameter Wiring Method ng portion	88dB c Front direction from the center, at 1m, MP3 data of the content and use of the environce 600 Ω 0dBv (Unbalance Ethernet (Conformather 10BASE-T / 100BASE-TX (Autoine USB2.0 / 1.1 Type-A 10 Non-voltage of Non-voltage of Screwless to Non-voltage contact in "ON" output current @ Terminal OFF conditions Solid Wire / Stranded Wire: Φ Screwless to Screwless to Screwless to Solid Wire / Stranded Wire: Φ Screwless to S	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. Sed, Monaural Mini-Jack) set to the IEEE 802.3) segotiation, Full Duplex / Half Duplex) ch (For USB Memory) contact output (1 (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) command block seput NPN Transistor (4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) command block switch, "Mode" Switch, "Test" Switch		
Audio L Communio (L Interface External C External C Nu () Operati	Environmental Condition ine Output lation Method LAN) USB Port ontact Output lumber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Input lumber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Capacity Wire Diameter Wiring Method Input lumber of Contacts Contact Capacity Wire Diameter Wiring Method Ing portion Input In	Front direction from the center, at 1m, MP3 data of the content and use of the environgment of the environgment of the content and use of the environgment of the content and use of the environgment of the	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. ded, Monaural Mini-Jack) set to the IEEE 802.3) gotiation, Full Duplex / Half Duplex) ch (For USB Memory) contact output (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) comminal block deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) comminal block deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor		
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Audio L Communio (L Interface External C External C Operati Acce	Environmental Condition ine Output Ention Method Ention Me	Front direction from the center, at 1m, MP3 data of the content and use of the environgment of the environgment of the content and use of the environgment of the env	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. ded, Monaural Mini-Jack) set to the IEEE 802.3) gotiation, Full Duplex / Half Duplex) ch (For USB Memory) contact output (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) comminal block deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) comminal block deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC 0.41 - 0.81mm (AWG26 - 20) deput NPN Transistor 4 6mA or less per cannel tion Voltage: 24VDC		
Audio L Communio (L Interface External C External C Operati Acce	Environmental Condition ine Output lation Method LAN) USB Port ontact Output lumber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Input lumber of Contacts Contact Capacity Wire Diameter Wiring Method Contact Capacity Wire Diameter Wiring Method Input lumber of Contacts Contact Capacity Wire Diameter Wiring Method Ing portion Input In	Front direction from the center, at 1m, MP3 data of the content and use of the environgment of the environgment of the content and use of the environgment of the content and use of the environgment of the	or more (1kHz sine wave played back at -6dB) comment, the sound pressure level will change. Sed, Monaural Mini-Jack) Set to the IEEE 802.3) Segotiation, Full Duplex / Half Duplex) Ch (For USB Memory) Contact output (1 (5VDC @ 1mA , Minimum, Reference) 0.41 - 0.81mm (AWG26 - 20) Comminal block Comput NPN Transistor (4 6mA or less per cannel Contact output NPN Transistor (50 0.41 - 0.81mm (AWG26 - 20) Contact output NPN Transistor (4 6mA or less per cannel Contact output NPN Transistor (50 0.41 - 0.81mm (AWG26 - 20) Contact output NPN Transistor (4 6mA or less per cannel Contact output NPN Transistor (50 0.41 - 0.81mm (AWG26 - 20) Contact output NPN Transistor (6) Contact output NPN Transistor (7 0.41 - 0.81mm (AWG26 - 20) Contact output NPN Transistor (8 0.41 - 0.81mm (AWG26 - 20) Contact output NPN Transistor (9 0.41 - 0.81mm (AWG26 - 20) Contact output NPN Transistor (9 0.41 - 0.81mm (AWG26 - 20) Contact output NPN Transistor		

Drawing No.	Rev.	Page
NHL-5FV2-W18	G	3 / 10

Conformity Standards	RoHS Directive (EN IEC 63000) EMC Directive (EN 55032 (Class A), EN 55024) FCC Part15 Subpart B Class A, ICES-003 Class A UL 1638, UL 464, CSA C22.2 No.205 KC (KN 61000-6-2, KN 61000-6-4) *3
	PSE Compliant AC Adaptor
Remark	*3 : Only N type and W type CE Marking UL/cUL Listed W type is an international model.

2. Model

2.1. Model Number Configuration



2.2. Model Number List

NHL-1FV2-R	NHL-3FV2-RYG	NHP-1FV2-R	NHP-3FV2-RYG
NHL-1FV2-Y	NHL-3FV2N-RYG	NHP-1FV2-Y	NHP-3FV2N-RYG
NHL-1FV2-G	NHL-3FV2W-RYG	NHP-1FV2-G	NHP-3FV2W-RYG
NHL-2FV2-RY	NHL-4FV2-RYGB	NHP-2FV2-RY	NHP-4FV2-RYGB
NHL-2FV2-RG	NHL-5FV2-RYGBC	NHP-2FV2-RG	NHP-5FV2-RYGBC

Drawing No.	Rev.	Page
NHL-5FV2-W18	G	4 / 10

3. Action Specification

3.1. Information (Main Unit)

	nation (Main Onit)			
Tower		Lighting pattern for each color LED units,		
		such as continuous lighting, flashing pattern 1, and flashing pattern 2		
Flashing pattern 1		ON(500ms), OFF(500ms) (repetition)		
Flasi	hing pattern 2	ON(80ms), OFF(170ms), ON(80ms), OFF(670ms) (repetition)		
		Up to 70 types of messages can be played on the main unit speaker and line output.		
Num	ber of messages	Playlist Package: 30 kinds MP3 File: 30 kinds Preset: 10 kinds		
	MD2 Farmant	Bit Rate 32kbit/s, 64kbit/s (Standard Rate), 128kbit/s		
	MP3 Format	Constant Bit Rate (CBR) only		
	Preset	Buzzer Sound : 4 kinds Chime Sound : 3 kinds Voice Sound : 3kinds		
Play	back Pattern	One-shot Playback, Repeat Playback, Endless Playback		
One-shot Playback Repeat Playback		It is played back once per playback event.		
		It is played back when set up to play a certain number of times per playback event.		
		Number of playback times : 1 - 254		
Endless Playback		It will play back repeatedly per playback event.		
Play	back Mode	Input Priority Playback, Memory Playback		
		If a new playback event occurs, the channel being played back		
	input Phonty Playback	will be interrupted and a new channel will play.		
	Memory Playback	When playback is ended, the next available channel stored in memory will play.		
er Sound		Four kinds of buzzer sounds, such as buzzer pattern1, 2, 3, and 4		
	Buzzer pattern 1	ON(250ms), OFF(250ms) (repetition)		
	Buzzer pattern 2	ON(500ms), OFF(500ms) (repetition)		
Buzzer pattern 3 Buzzer pattern 4		ON(200ms), OFF(50ms), ON(200ms), OFF(550ms) (repetition)		
		ON(continuity)		
	Flasi Flasi Num Play	Flashing pattern 1 Flashing pattern 2 Number of messages MP3 Format Preset Playback Pattern One-shot Playback Repeat Playback Endless Playback Endless Playback Input Priority Playback Memory Playback Sound Buzzer pattern 1 Buzzer pattern 2 Buzzer pattern 3		

3.2. External control

External Contact Output	External contact output can be controlled when an event occurs or outputting sound.
Contact Function	Digital Output, BUSY Output
Digital Output	The digital "A Contact" or "B Contact" output
Digital Output	for an automatic OFF function of the digital output port can be set up.
DUCY Output	It controls the relay contact output
BUSY Output	in conjunction with the signal output from the line-out.

3.3. Information (Network)

Mail Tr	ansmission	When an event occurs, an e-mail message is transmitted to the registered address.
	Number of mail address	8
	Authentication protocol	POP before SMTP, SMTP_AUTH
	Security	SSL, TLS, none
SNMP	TRAP Transmission	When an event occurs, TRAP transmission can be executed.
	Number of transmission	8
	Version	v2c
SLMP	Write Command	When "Clear operation" occurs, SLMP Write Command can be executed.
	Number of transmission	4
	Protocol	SLMP (The same format as the QnA compatible 3E and 4E frame of MC protocol) TCP / UDP

Drawing No.	Rev.	Page
NHL-5FV2-W18	G	5 / 10

4. Function Specification

4.1. Main Unit Control Function

RSH Command	Controllable with RSH Command	
HTTP Command Controllable with HTTP Command		
Socket Communication Controllable with PNS Command and PHN Command		
SNMP Command	Controllable with SNMP "set" Command	
Version v1 / v2c		
"Clear" Switch	Clear operation is possible with "Clear" Switch of the main unit.	

		Controllable Action						
Comm	Command		Sound	Buzzer	Digi-Out	e-mail	TRAP	SLMP
RSH Cor	RSH Command		✓	✓	✓	✓ *1	✓ *1	-
HTTP Co	HTTP Command		V	✓	✓	-	-	-
Socket	PNS	~	V	V	✓	-	-	-
Socker	PHN	Δ *2	-	△ *3	-	-	-	-
SNMP Co	SNMP Command		V	✓	✓	-	-	-
"Clear" ("Clear" Switch		✓ *4	✓ *5	✓	V	V	/

^{*1 :} It can be used when e-mail or TRAP is set to "Active" in the RSH Command Configuration.

4.2. External Monitoring Function

Ping M	Ping Monitoring Function			Network abnormality detection by sending Ping network devices				
	Numl	oei	of Monitoring	24				
	Monitoring Cycle			1 - 600 seconds				
	Sending Count			The number of times to detect can be set from 1 to 30.				
	Numl	oei	of Sending	The number of sending Ping by one monitoring can be set from 1 to 3.				
Applica	tion N	/lor	nitoring Function	External devices abnormality detection by receiving the data from them				
	Numl	bei	of Monitoring	4				
			ing Cycle	1 - 600 seconds				
SNMP			eception Function	TRAP Reception detection				
	Versi			v1 / v2c				
			of Reception	64				
	varia	ble	-bindings	2 OID per 1 TRAP Reception				
			Detectable Type	INTEGER				
	Detectable Type		Detectable Type	OCTET STRING (String data, Binary data)				
			ed Equipment	For SNMP Supported equipment, with the SNMP command,				
Monito				their status can be acquisitioned periodically and monitored.				
	Versi			v1				
			ing Cycle	1 - 60 seconds				
			on method	Condition Agreement Detection : 20 Change Detection : 5				
		Co	ndition Agreement	Detection that the acquired value meets the condition				
			Detectable Type	INTEGER				
			<u>, , , , , , , , , , , , , , , , , , , </u>	OCTET STRING (String data, Binary data)				
		Ch	ange Detection	Detection that the acquired value has changed				
			Detectable Type	INTEGER 生産終了				

^{*2 :} Signal Tower "Red", "Amber"and "Green", and Flashing pattern 1

^{*3:} Buzzer pattern1 and Buzzer pattern 2

^{*4 :} In memory playback mode, you can proceed to the next message.

^{*5 :} It is possible to stop only the buzzer while maintaining the state of Signal Tower.

Drawing No.	Rev.	Page
NHL-5FV2-W18	G	6 / 10

SLMP Read Command	Detects the state change of the device information of the PLC		
Number of Monitoring	16		
Transmission Interval	10ms / 50ms / 100ms		
Protocol	SLMP (The same format as the QnA compatible 3E and 4E frame of MC protocol)		
FIOLOCOI	TCP / UDP		
External Contact Input	It monitors the state change of external contact input.		
Monitor Function			
Digital Logic Setting	A Contact, B Contact		
Detection method	Status Change Detection, Status Agreement Detection		
Status Change	Detection of change from OFF to ON or change from ON to OFF		
Ctatus Agraement	Detecting the input for a certain period of time		
Status Agreement	Detection time: 1 - 3600 seconds Number of Detection: 4		
	Detection time: 1 - 3000 seconds Number of Detection: 4		

			Executa	ble action at c	letection		
Monitoring	Signal Tower	Sound	Buzzer	Digi-Out	e-mail	TRAP	SLMP
Ping Monitoring	V	V	✓	✓	✓	/	-
Application Monitoring	~	V	✓	✓	V	V	-
TRAP Reception	V	V	/	V	V	V	-
SNMP Supported	V	V	/	✓	V	V	-
SLMP Command	V	V	✓	✓	✓	✓	-
External Contact Input	V	V	V	/	V	V	-

4.3. Main Unit Status Acquisition Function

RSH Command	The state of the main body can be acquired by the status acquisition command.		
Socket Communication	Status acquisition available with PNS Command and PHN Command		
SNMP Command	Status acquisition available with SNMP "get" Command		
Version	v1 / v2c		
HTTP Communication	By executing CGI, the state of the main body can be acquired in XML data format.		
Web browser	Download main unit status and event log with web browser		
Web blowsel	Main Unit Status: XML format file Event Log: text format file		
USB Memory	Event log (text file) can be downloaded to USB memory		

		Acquisition data				
Comm	and	Signal Tower	Sound	Buzzer	Ex-Input	Ex-Output
RSH Command		V	V	✓	✓	✓
Socket	PNS	V	-	V	-	-
Socker	PHN	✓ *1	-	✓ *2	-	-
SNMP Command		✓	V	V	✓	'
XML forr	nat file	V	V	V	V	'

^{*1 :} Signal Tower "Red", "Amber"and "Green",and Flashing pattern 1
*2 : Buzzer pattern 1 and Buzzer pattern 2

Drawing No.	Rev.	Page
NHL-5FV2-W18	G	7 / 10

4.4. Main Unit Setting Function

Schedule Function	The time period for disabling the notification operation can be set.			
Suspended operations	"Signal Tower", "Sound and Buzzer", "Digital Output" ,"Trap Transmission"			
Time period of the schedule	"24 hours" or "Three time periods per day"			
Time Correction Function	The internal clock in this product can communicate with an NTP server			
Time Correction Lunction	to automatically correct the time.			
Automatic Network Setting	Network setting in this product can communicate with an DHCP server			
Automatic Network Setting	to automatically set.			
Master Volume Setting	Mstar Volume of Buzzer and sound can be set			
Standard Action Setting	This product can set lighting color of the Signal Tower after clear operation is executed.			
Self-test Function	Self test of Signal Tower and buzzer is possible			
Sen-test i diletion	with test switch of the main body and RSH command.			
Config Setting	Various settings of the main body can be read and written as setting file.			
Main Unit Setting	Various settings of the main body can be done with a web browser.			
USB memory support	By using the USB memory, the following items can be executed by the main body only.			
Config File	Various settings of the main unit can be read and written as a config file.			
Playlist Package	You can set the playlist package created with PATLITE Playlist Editor 2			
Event Log	It is possible to acquire an event log that records the operation history of the main unit.			
Firmware update	It is possible to update firmware.			
Setting Supported languages	Japanese, English			

4.5. Cloud Function

Supported Cloud Platform		Dlatform	Microsoft Azure *1			
Suppor	Supported Cloud Flatioilli		Amazon Web Services (AWS) *2			
		Connection Settings	Azure IoT Central/DPS,Azure IoT Hub			
	Azure	Built-in features	Device Twin、Direct Method、Device-to-cloud Message、			
			Cloud-to-device Message			
	AWS	Connection Settings	AWS IoT Core			
	AWS	Built-in features	Device Shadow, MQTT client			
Main Unit Control		nit Control	Signal Tower,Sound,Buzzer,Digi-Out			
Main Unit Status Acquisition		tus Acquisition	Signal Tower,Sound,Buzzer,Digi-Out			
Main Unit Status Transmission		us Transmission	Signal Tower,Sound,Buzzer,"Clear" switch,External Contact Input,Digi-Out			

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