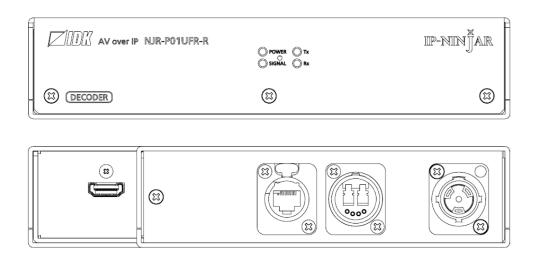


## **HDMI** Decoder

# NJR-P01UFR-R

#### <Command Reference Guide>

Ver.1.0.0



- Thank you for choosing our product.
- To ensure the best performance of this product, please read this user guide fully and carefully before using it and keep this manual together with the product for future reference as needed.

# **Trademarks**

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# Before reading this manual

- All rights reserved.
- Some information contained in this command guide such as exact product appearance, communication commands, and so on may differ depending on the product version.
- This command guide is subject to change without notice. You can download the latest version from IDK's website at: <a href="http://www.idkav.com">http://www.idkav.com</a>

The reference manual consists of the following two volumes:

- User guide: Please download the user guide from the website above.
- Command guide (this document)

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# 1 How to read this Guide

This guide contains the procedure for commanding NJR-P01UFR-R (hereafter referred to as "NJR-P") over LAN communication.

If other IP-NINJAR series products are connected, refer to each user guide.

# 2 About this Guide

This guide contains the procedure for controlling NJR-P using commands over LAN communication.

- Communication commands enable the following main operations:
  - · Setting output and audio
  - · Displaying information

# 3 Communication configuration and Specifications

#### 3.1 LAN communication

The NJR-P can be accessed and controlled over LAN communication.

Connecting a control device to the NJR-P's LAN connector enables system control and status queries using the IP-NINJAR Configurator (configuration software for IP-NINJAR).

For operations from the IP-NINJAR Configurator, refer to the user guide of IP-NINJAR Configurator.

Please contact us to download the IP-NINJAR Configurator.

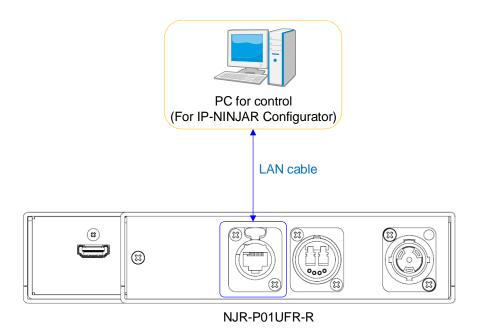
#### Note:

When using LAN communication to control the NJR-P, the terminal software cannot be used.

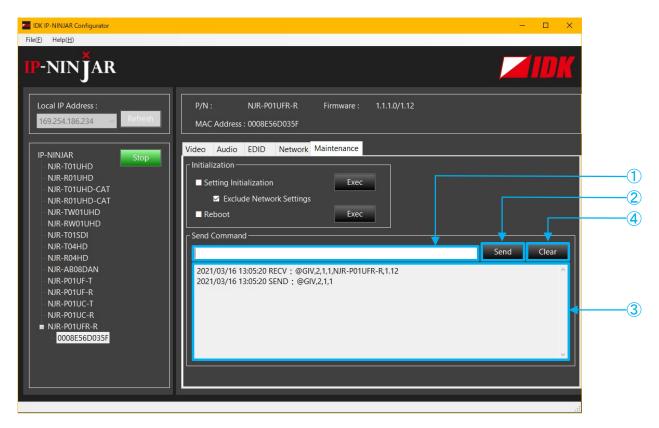
### 3.1.1 Setting up LAN communication

Follow the procedure below.

- (1) Connect the control device to the LAN connector of the NJR-P over a LAN cable.
- (2) Start the IP-NINJAR Configurator in the control device.
- (3) Send communication command from the Maintenance page of the IP-NINJAR Configurator. You can control the NJR-P and get the status information using communication command.



[Fig. 3.1] Connecting to LAN cable



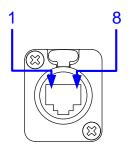
- ① For entering the desired command
- 2 For sending the command to NJR-P
- 3 For displaying the log
- 4 For deleting the log

[Fig. 3.2] Command input from Maintenance page

## 3.1.2 LAN connector specification

LAN connector assignment is as follows.

Since Auto MDI/MDI-X that distinguishes and switches straight/cross cables automatically is supported, extra care is not necessary to connect the NJR-P to PC, HUB or the like.



		Signa	I name	
Pin No.	MDI		MDI-X	
	1000BASE-T	100BASE-TX/10BASE-T	1000BASE-T	100BASE-TX/10BASE-T
1	TRX+ (Transmitted &	TX+ (Transmitted data +)	TRX+ (Transmitted &	RX+ (Received data +)
	Received data +)		Received data +)	
2	TRX- (Transmitted &	TX- (Transmitted data -)	TRX- (Transmitted &	RX- (Received data -)
	Received data -)		Received data -)	
3	TRX+ (Transmitted &	RX+ (Received data +)	TRX+ (Transmitted &	TX+ (Transmitted data +)
	Received data +)		Received data +)	
4	TRX+ (Transmitted &	N.C. (Not connected)*	TRX+ (Transmitted &	N.C. (Not connected)*
	Received data +)		Received data +)	
5	TRX- (Transmitted &	N.C. (Not connected)*	TRX- (Transmitted &	N.C. (Not connected)*
	Received data -)		Received data -)	
6	TRX- (Transmitted &	RX- (Received data -)	TRX- (Transmitted &	TX- (Transmitted data -)
	Received data -)		Received data -)	
7	TRX+ (Transmitted &	N.C. (Not connected)*	TRX+ (Transmitted &	N.C. (Not connected)*
	Received data +)		Received data +)	
8	TRX- (Transmitted &	N.C. (Not connected)*	TRX- (Transmitted &	N.C. (Not connected)*
	Received data -)		Received data -)	

\*Not used

[Fig. 3.3] LAN connector

# 3.1.3 LAN communication specification

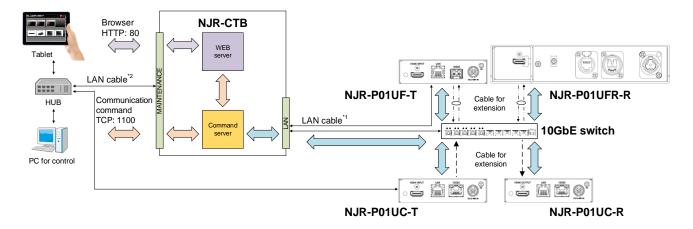
[Table 3.1] Specification of LAN communication

Physical layer	10Base-T (IEEE802.3i)/100Base-TX (IEEE802.3u)/
Friysical layer	1000Base-T (IEEE802.3ab)
Network layer	ARP, IP, ICMP
Transport layer	UDP

# 3.2 Controlled by NJR-CTB

Connecting a control device to the NJR-CTB's LAN connector enables system control and status queries per the command list.

For operations from the NJR-CTB, refer to the command guide of NJR-CTB.



<sup>\*1</sup> The LAN connector of NJR-CTB should be connected to the LAN connector of NJR-P or the 10GbE switch.

[Fig. 3.4] Controlled by NJR-CTB

# 3.3 Connecting LAN cable

When connecting a LAN cable to NJR series/NJR-CTB, avoid making a network loop.

The NJR-P send broadcast packets periodically for the purposes of internal system management.

\*A broadcast storm occurs when a network is overwhelmed by continuous broadcast traffic resulting in a network meltdown.

During installation, it is important to avoid the creation of network loops. Contact IDK if you require assistance with network implementation.

<sup>&</sup>lt;sup>12</sup> PC for control should be connected to the MAINTENANCE connector of NJR-CTB or the LAN connector of NJR-P.

## 4 Command

# 4.1 Summary

A command consists of "@" ("40" in hexadecimal), 3 or 4 one-byte alphabetical characters (upper and lower cases) followed by parameters (one-byte numbers). For some commands, multiple parameter values can be specified. Processing is executed by sending a delimiter at the end of the command.

#### ■ If an error occurs:

An error response is returned if an undefined command or inappropriate parameter is included.

Example: @SDM,2 🖃

<sup>&</sup>quot;," (a comma, "2C" in hex) is indicated between a command and parameter and between two parameters.

<sup>&</sup>quot; is indicated as a delimiter CR LF (return+line feed, "0D" and "0A" in hex).

# 4.2 Command list

#### **■** Error status

Command	Function	Page
@ERR	Error status	14

#### Output

Command	Function	Page
@GDM / @SDM	Output mode	15
@GEN / @SEN	HDCP output	16
@GHM/@SHM	Hot plug ignoring duration	17

#### ■ Audio

Command	Function	Page
@GAM / @SAM	Muting/unmuting digital audio output	18
@GAAS / @SAAS	Output audio	19

#### **■** LAN

Command	Function	Page
@GIP / @SIP	LAN	20
@GMC	MAC address	21

#### ■ Advanced setting

Command	Function	Page
@CLRC	Initialization	22
@RBTC	Reboot	22

#### **■** Information

Command	Function	Page
@GSS	I/O status	23
@GES	Monitor EDID	25
@GIV	Version	26

# 4.3 Setting items

Some setting items can be controlled over commands/GUI operation; the others cannot be controlled.

#### [Table 4.1] Available setting method

Command: Command input, GUI: IP-NINJAR Configurator GUI operation,

WEB&C: WEB browser and command input

	Setting	method		
Command	NJR-P01UFR-R	NJR-CTB		
Command	LAN	LAN		
	(IP-NINJAR Configurator)	LAN		
	Output			
@GDM/@SDM	Command	WEB&C		
@GEN / @SEN	Command	WEB&C		
@GHM/@SHM	Command	WEB&C		
	Audio			
@GAM / @SAM	Command	WEB&C		
@GAAS / @SAAS	GUI	WEB&C		
	LAN			
@GIP / @SIP	GUI	WEB&C		
@GMC	GUI	WEB&C		
	Advanced setting			
@CLRC	GUI	WEB&C		
@RBTC	GUI	WEB&C		
Information				
@GSS	Command	WEB&C		
@GES	Command	WEB&C		
@GIV	Command	WEB&C		

# 4.4 Parameter input format

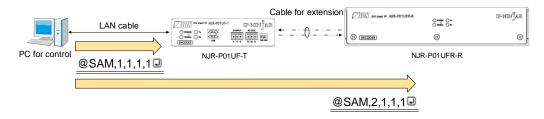
Parameter input formats are common for each setting.

If a command is input from IP-NINJAR Configurator (Software for setting IP-NINJAR) via a LAN connector, "1" is specified to "ch" (channel).

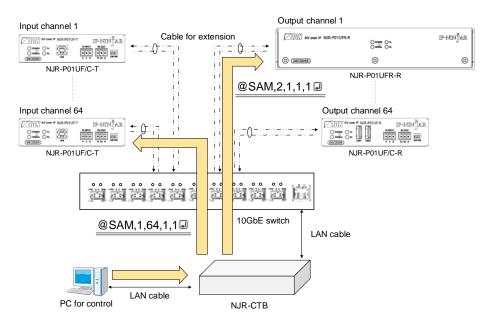
If a command is input from the NJR-CTB, any channel can be specified because multiple IP-NINJAR series products that are connected over a network switch can be controlled.

#### Example:

Format	@SAM, device, ch, port, mute 🖳	
Parameter	device: Model	
	"2" fixed	
	ch: Channel	
	1 to 512 = Channel 1 to Channel 512	
	If a command is input from the IP-NINJAR Configurator, "1" is set (fixed).	
	port: Connector	
	"1" fixed	
	mute: Audio mute	
	0 = Mute OFF [Default], 1 = Mute ON	



[Fig. 4.1] Command input from IP-NINJAR Configurator



[Fig. 4.2] Command input from NJR-CTB

# 4.5 Details of commands

# 4.5.1 Error status

@ERR	Error status		
Format	Return value only		
Return value	@ERR, error 🚽		
Parameter	error: Error status		
	1 = Erroneous parameter format or value		
	2 = Undefined command or wrong format		
	3 = Currently cannot be used		
	99 = Error other than errors above		
Example	@GAM 🕘 Sending @GAM command		
	@ERR,1 🚽	Parameter error	
Remarks	_		

# 4.5.2 Basic setting

# 4.5.2.1 Output

@GDM / @SDM	Output mode				
Function	Getting	Setting			
Format	@GDM, device, ch, reserved 🖵	@SDM, device, ch, port, mode 🕘			
Return value	@GDM, device, ch, reserved, mode 🖵	@SDM, device, ch, port, mode 🚽			
Parameter	device: Model				
	"2" fixed				
	ch: Channel				
	1 to 512 = Channel 1 to Channel 512				
	If a command is input from the IP-NINJAR	Configurator, "1" is set (fixed).			
	reserved: Reservation				
	"1" fixed port: Output connector				
	"1" fixed  mode: Output mode  0 = AUTO [Default], 1 = DVI output, 2 = RGB output,				
	3 = YCbCr4:2:2 output, 4 = YCbCr4:4				
Example	@GDM,2,1,1 &	Getting the output mode of Channel 1			
		HDMI output connector			
	@GDM,2,1,1,0 년	AUTO			
	@SDM,2,1,1,4 🖳	Setting the output mode of Channel 1			
		HDMI output connector to YCbCr4:4:4			
	@SDM,2,1,1,4 🖳	Completed			
Remarks	_				

@GEN / @SEN	HDCP output			
Function	Getting	Setting		
Format	@GEN, device, ch, reserved 🕘	@SEN, device, ch, port, hdcp 🚽		
Return value	@GEN, device, ch, reserved, hdcp 🚽	@SEN, device, ch, port, hdcp 🚽		
Parameter	device: Model			
	"2" fixed			
	ch: Channel			
	1 to 512 = Channel 1 to Channel 512			
	If a command is input from the IP-NINJAR Configurator, "1" is set (fixed).			
	reserved: Reservation "1" fixed			
	port: Output connector  "1" fixed  hdcp: HDCP output  1 = ALWAYS [Default], 2 = HDCP INPUT ONLY, 3 = HDCP 2.2			
Example	@GEN,2,1,1 🚽	Getting the HDCP output of Channel 1		
	@GEN,2,1,1,1 🚽	ALWAYS		
	@SEN,2,1,1,2 🚽	Setting the HDCP output of Channel 1 to		
	HDCP INPUT ONLY			
	@SEN,2,1,1,2 🖳 Completed			
Remarks	_			

@GHM/@SHM	Hot plug ignoring duration			
Function	Getting	Setting		
Format	@GHM, device, ch, reserved 🖃	@SHM, device, ch, port, time 🖃		
Return value	@GHM, device, ch, reserved, time 🚽	@SHM, device, ch, port, time 🚽		
Parameter	device: Model			
	"2" fixed			
	ch: Channel			
	1 to 512 = Channel 1 to Channel 512			
	If a command is input from the IP-NINJAR Configurator, "1" is set (fixed).			
	reserved: Reservation			
	"1" fixed			
	port: Output connector			
	"1" fixed			
	time: Masking time			
	0 = OFF (No ignoring request signals) [Default],			
	2000 to 15000 = 2 sec. to 15 sec.			
	Set this value by the 1000 ms. If you set a value other than 0 for the lower 3 digits,			
	these values will be rounded down.			
	(For example, if you set it to 2955, the monitoring time is set to 2000 ms.)			
Example	@GHM,2,1,1 🚽	Getting the hot plug ignoring duration of		
		Channel 1		
	@GHM,2,1,1,2000 🖳	For 2 seconds		
	@SHM,2,1,1,0 🖃	Setting the hot plug ignoring duration of		
	Channel 1 to OFF			
	Completed			
Remarks	-			

# 4.5.2.2 Audio

@GAM/@SAM	Muting/unmuting digital audio output		
Function	Getting	Setting	
Format	@GAM, device, ch, port 🖃	@SAM, device, ch, port, mute 🚽	
Return value	@GAM, device, ch, port, mute 🚽	@SAM, device, ch, port, mute 🚽	
Parameter	device: Model		
	"2" fixed		
	ch: Channel		
	1 to 512 = Channel 1 to Channel 512		
	If a command is input from the IP-NINJAR Configurator, "1" is set (fixed).  port: Connector  "1" fixed		
	mute: Audio mute		
	0 = Mute OFF [Default], 1 = Mute ON		
Example	@GAM,2,1,1 🗗	Getting the audio mute of Channel 1	
	@GAM,2,1,1,0 🖃	Mute OFF	
	@SAM,2,1,1,0 🚽	Setting the audio mute of Channel 1 to	
		OFF	
	@SAM,2,1,1,0 🚽	Completed	
Remarks	_		

@GAAS/ @SAAS	Output audio				
Function	Getting	Setting			
Format	@GAAS, device, ch, reserved_1 🚽	@SAAS, device, ch, reserved_1,			
		reserved_2, digital 🗗			
Return value	@GAAS, device, ch, reserved_1,	@SAAS, device, ch, reserved_1,			
	reserved_2, digital 🕘	reserved_2, digital 🗗			
Parameter	device: Model				
	"2" fixed				
	ch: Channel				
	1 to 512 = Channel 1 to Channel 512	1 to 512 = Channel 1 to Channel 512			
	reserved_1: Reservation				
	"1" fixed				
	reserved_2: Reservation				
	"0" fixed				
	digital: Digital audio output connector	digital: Digital audio output connector			
	0 = Analog input audio, 1 = Digital input audio [Default]				
Example	@GAAS,2,1,1 🚽	Getting the output audio of Channel 1			
	@GAAS,2,1,1,0,1 🗗	Digital input audio is output from the			
		digital audio output connector			
	@SAAS,2,1,1,0,1 🖳	Setting the Channel 1 to output digital			
		input audio			
	@SAAS,2,1,1,0,1 🖃 Completed				
Remarks	This command can be input only over the	e NJR-CTB command server.			
	Commands for analog input audio can be used when using the NJR-P with other				
	IP-NINJAR series products.				

# 4.5.2.3 LAN

@GIP / @SIP	LAN				
Function	Getting	Setting			
Format	@GIP, device, ch, reserved 🕘	@SIP, device, ch, reserved, mode, ip,			
		mask, gateway			
Return value	@GIP, device, ch, reserved, mode, ip,	@SIP, device, ch, reserved, mode, ip,			
	mask, gateway 🖃	mask, gateway 🗐			
Parameter	device: Model				
	"2" fixed				
	ch: Channel				
	1 to 512 = Channel 1 to Channel 512				
	reserved: Reservation				
	"1" fixed				
	mode: Mode				
	0 = Automatic (DHCP) [Default], 1 = s	static			
	"0" is selected, the following three parameter	ters will be invalid.			
	ip: IP address				
	0 to 255 = 8 bit (in decimal) × 4 combinations				
	[Default] Getting automatically				
	mask: Subnet mask				
	0 to 255 = 8 bit (in decimal) × 4 combinations				
	[Default] Getting automatically				
	gateway: Default gateway				
	0 to 255 = 8 bit (in decimal) × 4 combinations				
		[Default] Getting automatically			
Example	@GIP,2,1,1 🖃	Getting the LAN setting of Channel 1			
	@GIP,2,1,1,1,192.168.3.2,255.255.255.0	- Mode : Static			
	,192.168.3.254 🖃	- IP address : 192.168.3.2			
		- Subnet mask : 255.255.255.0			
		- Default gateway : 192.168.3.254			
	@SIP,2,1,1,1,192.168.3.2,255.255.255.0	Setting the LAN of Channel 1 as follows:			
	,192.168.3.254 🖃	- Mode : Static			
		- IP address : 192.168.3.2			
		- Subnet mask : 255.255.255.0			
	- Default gateway : 192.168.3.254				
	@SIP,2,1,1,1,192.168.3.2,255.255.255.0   Completed				
	,192.168.3.254 🖳				
Remarks	This command can be input only over the NJR-CTB command server.				
	If the LAN setting is changed, the communication may be disabled.				
	Change the environmental settings based on the NJR-P settings.				

@GMC	MAC address		
Function	Getting		
Format	@GMC, device, ch, reserved 🕘		
Return value	@GMC, device, ch, reserved, mac 🖃		
Parameter	device: Model		
	"2" fixed		
	ch: Channel		
	1 to 512 = Channel 1 to Channel 512		
	reserved: Reservation		
	"1" fixed		
	mac: MAC address		
	00 to FF = 8 bit (in hex) × 6 combinations		
Example	@GMC,2,1,1 🚽	Getting the MAC address of Channel 1	
	@GMC,2,1,1,D88039A6D9DF 🚽	D8:80:39:A6:D9:DF	
Remarks	This command can be input only over the NJR-CTB command server.		

# 4.5.2.4 Advanced setting

@CLRC	Initialization			
Function	Setting			
Format	@CLRC, device, ch, reserved 🕘			
Return value	@CLRC, device, ch, reserved 🖵			
Parameter	device: Model			
	"2" fixed	"2" fixed		
	ch: Channel			
	0 = All channels, 1 to 512 = Channel 1 to Channel 512			
	reserved: Reservation			
	"1" fixed			
Example	@CLRC,2,2,1 ┛	Initializing settings of Channel 2		
	@CLRC,2,2,1 🖃 Completed			
Remarks	This command can be input only over the NJR-CTB command server.			
	Settings of "4.5.2.1 Output" to "4.5.2.3 LAN" will be initialized.			

@RBTC	Reboot			
Function	Setting	Setting		
Format	@RBTC, device, ch, reserved 🕘			
Return value	@RBTC, device, ch, reserved 🕘			
Parameter	device: Model			
	"2" fixed			
	ch: Channel			
	0 = All channels, 1 to 512 = Channel 1 to Channel 512			
	reserved: Reservation			
	"1" fixed			
Example	@RBTC,2,2,1 🚽	Rebooting Channel 2		
	@RBTC,2,2,1 🚽	Completed		
Remarks	This command can be input only over the NJR-CTB command server.			

#### 4.5.2.5 Information

@GSS	I/O status			
Function	Getting	Getting		
Format	@GSS, device	@GSS, device, ch, port, mode 🖳		
Return value	@GSS, device	e, ch, port, r	mode, status_1 (, status_2, status_3)	
Parameter	device: Model			
	"2" fixed	"2" fixed		
	ch: Channel			
	1 to 512 =	Channel 1 t	to Channel 512	
	If a command	is input fron	n the IP-NINJAR Configurator, "1" is set (fixed).	
	port: Output co	onnector		
	"1" fixed			
	mode: Target	status		
	10 = All of 1	•		
	11 = HDCP			
	12 = Output	• • •	*2,	
	13 = Error c			
	status_1 to sta	atus_3: Stat	us	
	*1 For HDCP authentication, one of the following values is returned.			
	Val	ue	Description	
	HDCP 1.4		Authenticated with HDCP 1.4	
	SUPPORT		A II	
	HDCP 2.2		Authenticated with HDCP 2.2	
	SUPPORT		Net outbookiested because device that do so not	
	HDCP NO		Not authenticated, because device that does not	
	SUPPORT		support HDCP is connected or input signal does not have HDCP.	
	HDCP ERF	POP.	Device with HDCP is connected, but the authentication	
	HDCP EKI	KUK	failed.	
	HDCP CHE	ECK NOW	Connection status of sink device was changed, and the	
	TIDOF CITE	LON NOW	status is being checked.	
	LINCONNE	CTED	No sink device is connected.	
	UNCONNECTED No sink device is connected.		110 Onin device to confidence.	
	*2 For output signal type, one of the following values is returned.  Value  Description  Hxx HDMI signal is output. xx stands for the color depth, 24, 30 or 36  D DVI signal is output.  N No sink device is connected.		, one of the following values is returned.	
			Description	
			s output. xx stands for the color depth, 24, 30 or 36	
			output.	
			·	

@GSS	I/O status (Co	I/O status (Cont'd)			
Parameter	*3 For status of the HDMI output connector, one of the codes below will be			e of the codes below will be returned	
	in the follow	ving order: video output/aud	dio out	put.	
	Error code	Video output status		Audio output status	
	0	Video is output correctly.		Audio is output correctly.	
	1	_		"@GAM / @SAM	
				Muting/unmuting digital audio output" is set to "ON".	
	2	No source device is conn	ected.		
	3	No video signal is input.		No audio signal is input.	
	4	Video output or audio out	put of	the source device is muted.	
	5	Signal with HDCP is input but the sink device does not support HDCP.			
	6	The source device does not output the needed information (packets) for outputting video or audio.			
	7	Signal that is not supported	ed by	Since compressed audio is	
		NJR-P is input.		input, audio cannot be output.	
	9	_		The sink device that does not	
				support audio is connected.	
	В	No sink device is connected.			
	С	HDCP is being authenticated.			
	D	D HDCP authentication failed			
Example	@GSS,2,1,1,1	0 🗗		ting all output statuses of Channel 1	
		@GSS,2,1,1,10,HDCP 1.4 SUPPORT,			
	H30,00		- Ot	utput signal type : 30-BIT COLOR HDMI	
			- Er	ror code: Video and audio are output correctly	
Remarks	1_		1	,	
Example	B C D	No sink device is connect HDCP is being authentica HDCP authentication faile	Geti - HE	The sink device that does not support audio is connected.  ting all output statuses of Chanroch authentication: HDCP 1.4  utput signal type : 30-BIT CO HDMI	

@GES	Monitor EDID		
Function	Getting		
Format	@GES, device, ch, port, mode 🖳		
Return value	@GES, device, ch, port, r	mode, status_1 (, status_2, status_3···)	
Parameter	device: Model		
	"2" fixed		
	ch: Output channel		
	1 to 512 = Output cha	nnel 1 to Output channel 512	
	If a command is input fror	m the IP-NINJAR Configurator, "1" is set (fixed).	
	port: Output connector		
	"1" fixed		
	mode: Target status		
	0 = All of 1 to 4,		
	$1 = Monitor name^{*1}$ ,		
	2 = Resolution and do	·	
		tus, sampling structure, and color depth*3,	
	• •	tus, sampling frequency, bit length, the number of channels,	
	'	audio support status <sup>*4</sup>	
	status_1 to status_4: Status		
	*1 For monitor name		
	Value Description		
	NJR-P01UF-T A sink device named "NJR-P01UF-T" is connected.		
	UNCONNECTED No sink device is connected.		
	*2 For resolution and dot clock		
	Value	Description	
	1920x1080	A sink device supporting 1920x1080 (resolution) and	
	148.50MHz	148.50 MHz (dot clock) is connected.	
		tus, sampling frequency, and color depth	
	Value	Description	
	DVI	A sink device that does not support HDMI signal is	
		connected.	
	HDMI- A sink device supporting HDMI signal is connecte		
	RGB/YCbCr422/ Supported sampling structure (RGB, YCbCr 4:2:		
	YCbCr444-24/30BIT	YCbCr 4:4:4, YCbCr4:2:0) and color depth (24, 30, 36)	
	COLOR are returned.		

@GES	Monitor EDID (Cont'd)	
Parameter	*4 For audio support, sam compressed audio	npling frequency, bit length, the number of channels, and
	Value	Description
		A sink device that does not support audio signal is connected.
	32/44.1/48kHz-16/20 /24BIT-8CHANNEL	A sink device supporting audio signal is connected.  Supported sampling frequency (32, 44.1, 48, 88.2, 96, 176.4, 192), the number of bits (16, 20, 24), the number of channels (1 to 8), and compressed audio support
		status are returned.
Example	@GES,2,1,1,0	· ·
	YCbCr444/YCbCr420-24Bi LINEAR PCM-32/44.1/48ki 24BIT-2CHANNEL	
		- Audio : LINEAR PCM-32/44.1/ 48kHz-16/20/24BIT- 2CHANNEL
Remarks	_	

@GIV	Version		
Function	Getting		
Format	@GIV, device, ch, reserved 🗗		
Return value	@GIV, device, ch, reserved, id, ver 🖳		
Parameter	device: Model		
	"2" fixed		
	ch: Channel		
	1 to 512 = Channel 1 to Channel 512		
	If a command is input from the IP-NINJAR Configurator, "1" is set (fixed).		
	reserved: Reservation		
	"1" fixed		
	id : Model number		
	ver: Firmware version		
Example	@GIV,2,1,1 🚽	Getting the product information of	
		Channel 1	
	@GIV,2,1,1,NJR-P01UFR-R,1.00 🖳	- Model number : NJR-P01UFR-R	
		- Firmware version: 1.00	
Remarks	_		

# User Guide (Command Guide) of NJR-P01UFR-R

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