

MIB Specification

WJ-HD600 Series

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Table of contents

1. INTRODUCTION	5
2. OUTLINE	5
2.1. MIB STRUCTURE	6
3. COMMON MIB (MIB-2)	8
3.1. SYSTEM.....	8
3.2. INTERFACE	9
3.3. IP	10
4. PRIVATE MIB	11
4.1. PANASONIC COMMON MIB	11
4.2. PSSSSD COMMON MIB (COMMON)	12
4.3. PSSSSD COMMON MIB (ACCESS LOG)	13
4.4. PSSSSD COMMON MIB (NETWORK LOG)	16
4.4.1. <i>Protocol type of network log type</i>	16
4.4.2. <i>Network log category</i>	17
4.4.3. <i>Network log type</i>	17
4.5. DISK RECORDER CATEGORY COMMON MIB (EVENT LOG)	19
4.5.1. <i>Event log type</i>	19
4.5.2. <i>Port number in the back of HD600</i>	21
4.6. DISK RECORDER CATEGORY COMMON MIB (ERROR LOG)	22
4.6.1. <i>Error log type</i>	23
4.6.2. <i>Error log unit number</i>	25
4.6.3. <i>Error log Disk number/Channel number/Port number/Area number/Fan number 27</i>	
4.7. DISK RECORDER CATEGORY COMMON MIB (INTERNAL ERROR LOG).....	31
4.8. DISK RECORDER CATEGORY COMMON MIB (HDD INFORMATION)	32
4.9. DISK RECORDER CATEGORY COMMON MIB (REBOOT STATUS)	38
4.10. DISK RECORDER CATEGORY COMMON MIB (CAMERA CONNECTION STATUS).....	38
4.11. DISK RECORDER CATEGORY COMMON MIB (TEMPARATURE)	39

5. COMMUNITY	40
6. WJ-HD600 SNMP SETTINGS	40
7. MIB UNDER ENTERPRISES	40

1. Introduction

This document is described about a part of MIB information of WJ-HD600 series.

Important:

The Live image view to PC might stop for a few ten seconds when the load is put on the communication between WJ-HD600 - PC as the MIB is downloaded in bulk. However recording is continued.

2. Outline

The MIB information to be implemented is Read only, and Set/Write is impossible.

2.1. MIB structure

Category	Object name	Description
Common MIB (MIB-2)	System	<ul style="list-style-type: none"> -Model No. Software version -Vender OID -The time since the network management portion of the system was last re-initialized -The contact person for this managed node -An administratively-assigned name for this managed node -The physical location of this node -A value which indicates the set of services that this entity primarily offers
	Interface	<ul style="list-style-type: none"> -The number of LAN interface -Index of LAN interface -Information about LAN interface -The type of LAN interface -MAC address
	Ip	<ul style="list-style-type: none"> -IPv4 address -Index of interface as IPv4 address -Subnet mask of interface as IPv4 address
Private MIB	Panasonic	<ul style="list-style-type: none"> -vendor name -Model number -Current date and time -Serial number
	SSD	<ul style="list-style-type: none"> -The number of user access -The number of alarm -The number of Access log -Access log entry -Index of Access log -The date and time of Access log -Access log type -The number of Network log -Network log entry -Index of Network log -The date and time of Network log -Network log type

Category	Object name	Description
Private MIB	HDR	-The number of Event log -List of Event log -Entry of Event log -Index of Event log -The date and time of Event log -Event log type
		-The number of Error log -The Error log list -The Error log entry -Index of Error log -The date and time of Error log -Error log type
		-Internal error log -List of Internal error log -Entry of internal error log -Index of Internal error log -Period of Internal error log
		-HDD capacity -HDD hour meter
		-Reboot status
		-Camera connection

3. Common MIB (MIB-2)

Important:

About MIB which is not defined with this document, it is Linux standard MIB.

It is not guaranteed about the contents.

3.1. system

MIB-2=1.3.6.1.2.1

No.	Object name	Syntax	Access	OID	Description	Factory default
1	sysDescr	DisplayString (size0..255)	RO	MIB2.1.1	Model No. Software version	e.g. WJ-HD600 SWVer1.00
2	sysObjectID	ObjectIdentifir	RO	MIB2.1.2	Vender OID	1.3.6.1.4.1.258.5100. 200 (Fix)
3	sysUpTime	TimeTicks	RO	MIB2.1.3	The time since the network management portion of the system was last re-initialized. (Value x 10ms) It is not accumulation time. (0~4294967295) e.g. 10s is value of "1000", because 10s=1000x10ms	0
4	sysContact	DisplayString (size0..255)	RO	MIB2.1.4	the contact person for this managed node, information on how to contact this person	NULL *This item can be set from the HD600 menu on browser.
5	sysName	DisplayString (size0..255)	RO	MIB2.1.5	An administratively-assigned name for this managed node. This is the node's fully-qualified domain name.	NULL *This item can be set from the HD600 menu on browser.
6	sysLocation	DisplayString (size0..255)	RO	MIB2.1.6	The physical location of this node.	NULL *This item can be set from the HD600 menu on browser.
7	sysServices	Integer (0..127)	RO	MIB2.1.7	A value which indicates the set of services that this entity primarily offers.	64(Fix)

3.2. Interface

MIB2=1.3.6.1.2.1

No.	Object name	Syntax	Access	OID	Description	Factory default
8	ifNumber	Integer (0..127)	RO	MIB2.2.1	The number of LAN interface	7 (Fix)
9	ifIndex	InterfaceIndex	RO	MIB2.2.2.1.1.1	Index of LAN interface (1)	1 (Fix)
			RO	MIB2.2.2.1.1.2	Index of LAN interface (2)	2 (Fix)
10	IfDescr	DisplayString (SIZE (0..255))	RO	MIB2.2.2.1.2.1	Information about LAN interface (1)	eth0 (Fix)
			RO	MIB2.2.2.1.2.2	Information about LAN interface (2)	eth1 (Fix)
11	ifType	InterfaceIndex	RO	MIB2.2.2.1.3.1	The type of LAN interface (1)	ethernet-csmacd(6) (Fix)
			RO	MIB2.2.2.1.3.2	The type of LAN interface (2)	ethernet-csmacd(6) (Fix)
12	ifPhyAddress	InterfaceIndex	RO	MIB2.2.2.1.6.1	MAC address of eth0	MAC address of device(Fix)
			RO	MIB2.2.2.1.6.2	MAC address of eth1	MAC address of device(Fix)

*) Eth0, Eth1 is a Ethernet communication of HD600.

*) Ethernet communication port consists on management port and maintenance port.

3.3. IP

MIB2=1.3.6.1.2.1

No.	Object name	Syntax	Access	OID	Description	Factory default
13	ipAdEntAddr	IpAddress	RO	MIB2.4.20.1.1. ipv4address	IPv4 address of eth0	IP address of device (Fix)
			RO	MIB2.4.20.1.1. ipv4address	IPv4 address of eth1	IP address of device (Fix or DHCP address)
14	ipAdEntIndex	Integer (0..127)	RO	MIB2.4.20.1.2 .ipv4address	Index of eth0 as IPv4 address	1
			RO	MIB2.4.20.1.2. ipv4address	Index of eth1 as IPv4 address	2
15	ipAdEntNetM ask	IpAddress	RO	MIB2.4.20.1.3 .ipv4address	Subnet mask of this index of IPv4 address	255.255.255.0 Subnet mask of device
			RO	MIB2.4.20.1.3 .ipv4address	Subnet mask of this index of IPv4 address	255.255.255.0 Subnet mask of device

4. Private MIB

4.1. Panasonic common MIB

Panasonic=1.3.6.1.4.1.258

No.	Object name	Syntax	Access	OID	Description	Factory default
1	panaNceEqG eneralVendor Name	DisplayString (SIZE (0..255))	RO	Panasonic.1.2.1.1	The vendor name of the net appliance	Panasonic
2	panaNceEqG eneralModel	DisplayString (SIZE (0..255))	RO	Panasonic.1.2.1.2	The model number of the net appliance	WJ-HD600
3	panaNceEqG eneralDayTim e	DateAndTime	RO	Panasonic.1.2.1.10	The current date and time set on the net appliance	
4	panaNceEqG eneralSerialN um	DisplayString (SIZE (0..255))	RO	Panasonic.1.2.1.13	The serial number of the net appliance	Serial number of device

4.2. PssSSD common MIB (common)

PssSSD common MIB is shown as follows. Security common MIB is under 1.3.6.1.4.1.258.5100.

PssSSD =1.3.6.1.4.1.258.5100 (PssSSD Common is described SSD.1)

No.	Object name	Syntax	Access	OID	Description	Factory default
5	UserAccessCount	Integer	RO	PssSSD.1.1	The number of user that accesses device via network (0-99)	0
6	AlarmSumNum	Integer	RO	PssSSD.1.2	<p>counting the number of alarm from device boot.</p> <p>counting from 0 to 4294967295 with 32bit.</p> <p>When exceed Max value, count from 0 again.</p> <p>It is saved the value in SRAM.</p> <p>The clear of value is done with clear of error log for internal part</p> <p>The method of log clear(using CGI)</p> <p>/cgi-bin/levelsetup.cgi</p> <p>Parameter name:LOGRESET</p> <p>Parameter value: 0 Error log clear for internal part</p> <p>*) Not counting emergency recording.</p>	0

4.3. PssSSD common MIB (Access log)

Common log is 1.3.6.1.4.1.258.5100.3, and there are two kinds of log.

- * Access log
- * Network log

Network Disk Recorder has Event log and Trouble log in addition to the above Access log and Network log. Event log and Trouble log do not belong to Security common MIB, belong to HDR.

PssSSD=1.3.6.1.4.1.258.5100 (PssSSD is described PssSSD.1.3)

No.	Object name	Syntax	Access	OID	Description	Factory default
7	AccLogNumber	Integer	RO	PssSSD.1.3.1	The number of Access log (0-100)	0
8	AccLogIndex	Integer (1...100)	RO	PssSSD.1.3.2.1.1	Index of Access log	1-100
9	AccLogDayTime	DateAndTime	RO	PssSSD.1.3.2.1.2	The date and time of Access log "e.g. 02-10-29 12:00:00"	0
10	AccLogType	DisplayString (SIZE0...255)	RO	PssSSD.1.3.2.1.3	"Access type"- "User name" *There is a detail as follows.	0

*Important: About Access log, Network log, Event log, and Trouble log

ND400,HD600 always acquires the maximum log number. (If one log remains, 0 padding and acquires the maximum number.)

“Access type “ - ”Username“

Access Type

Category	Access type	Access type No.	Use/No Use
Login/Logout	Login (Main unit, Browser common)	001	Use
	Logout (Main unit, Browser common)	002	Use
	Login(FTP)	003	No Use
	Logout(FTP)	004	No Use
	Config Login	007	Use
	Config Logout	008	Use
Picture	The start operation for download of picture image(HTTP)	101	No Use
	The start operation for download of picture image(FTP)	102	No Use
	Play back start	103	No Use
	Play back stop	104	No Use
	Manual recording start	105	No Use
	Manual recording stop	106	No Use
	Copy	107	No Use
	Delete	108	No Use
	Camera control	109	No Use
Setting Structure change	The display of setup image	201	No Use
	Change the setting from front panel	202	Use
	HDD format	203	No Use
	Camera setting	204	No Use
	The setting of communication	205	No Use
	The setting of user management	206	No Use
	The setting of maintenance	207	No Use
	The change of password	208	No Use
Power supply	Power supply ON	301	Use
	Power supply OFF	302	No Use
Others	Refer of the event log	401	No Use
	Refer of the access log	402	No Use
	Refer of the error log	403	No Use
	Refer the network log	404	No Use
	Alarm return	405	No Use
	Alarm restraint	406	No Use

	Push operation bottom of front	407	Use
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Username

Username	Value
Browser access user	Registered username
PC access user	Registered username
FTP access user	Registered username
Non displayed	Display only Access type

4.4. PssSSD common MIB (Network log)

Network log is shown as follows.

PssSSD=1.3.6.1.4.1.258.5100 (PssSSD is described PssSSD.1.3)

No.	Object name	Syntax	Access	OID	Description	Factory default
11	NetLogNumber	Integer	RO	SSD.1.3.3	The number of network log (1-1000)	0
12	NetLogIndex	Integer (1...1000)	RO	SSD.1.3.4.1.1	Index of network log	1-1000
13	NetLogDayTime	DisplayString (SIZE0...255)	RO	SSD.1.3.4.1.2	The date and time of network log "e.g. 02-10-29 12:00:00"	0
14	NetLogType	DisplayString (SIZE0...255)	RO	SSD.1.3.4.1.3	Network log type "Protocol type"- "Category"- "Log type" *There is a detail in next page.	0

4.4.1. Protocol type of network log type

Protocol type	Protocol type No.	
	Value	Range
SMTP	00	00~99
FTP	01	00~99
DDNS	02	00~99
NTP	03	00~99
SNMP	04	00~99
DHCP	05	00~99
HTTP	06	00~99
LINK_ERROR_01	09	00~99
Other	99	00~99

4.4.2. Network log category

Category	Category No.	
	Value	Range
Success	00	00~99
POP3 Error	01	00~99
SMTP Error	02	00~99
FTP Error	03	00~99
Connect Error	04	00~99
Internal Error	05	00~99

4.4.3. Network log type

Network log type	Type No.	"Protocol type"- "Category"- "Log type"
	Value	
SMTPMAIL_SEND	00	00-00-00
SMTPATTEST_ERR	01	00-01-01
SMTPPOP3ADD_ERR	02	00-05-02
SMTPPOP3SVR_ERR	03	00-04-03
SMTPSVRADD_ERR	04	00-05-04
SMTPSVR_ERR	05	00-04-05
SMTPMAILFROM_ERR	06	00-02-06
SMTPRCPTTO_ERR	07	00-02-07
SMTPOTHER	08	00-05-08
FTPCLIENT_OK	09	01-00-09
FTPSVRFWD_OK	10	01-00-10
FTPSVRADD_ERR	11	01-03-11
FTPSVR_ERR	12	01-03-12
FTPUPLOAD_ERR	13	01-04-13
FTPPASSIVE_ERR	14	01-04-14
FTPLOGIN_FAULT	16	01-03-16

Network log type	Type No.	“Protocol type”-“Category”-“Log type”
	Value	
FTPOTHER	20	01-05-20
DDNSIPADDUPDATE_OK	21	02-00-21
DDNSSVRRES_ERR	22	02-04-22
DDNSUSERPASS_ERR	23	02-04-23
DDNSIPADDUPDATE_ERR	24	02-04-24
DDNSOTHER	25	02-05-25
NTPGETTIME_OK	26	03-00-26
NTPSVRADD_ERR	27	03-05-27
NTPTIME_INVALID	30	03-05-30
NTPSETTIME_ERR	31	03-05-31
NTPSVRRES_ERR	32	03-05-32
NTPOTHER	33	03-05-33
SNMPUSERPASS_ERR	35	04-05-35
SNMPOBJ_ERR	36	04-05-36
SNMPOTHER	37	04-05-37
DHCPPIPAD_ADD_OK	38	05-00-38
DHCPPIPADUPDATE_ERR	40	05-04-40
DHCPOTHER	42	05-05-42
HTTPUSERPASS_ERR	45	06-04-45
HTTPDOWNLOAD_ERR	46	06-04-46
HTTPDREQUEST_ERR	47	06-04-47
HTTPOTHER	51	06-04-51
CONFIG LOGIN	56	99-00-56
<DHCP>DUPLICATE_IP_ADD	58	05-04-58
<SMTP>SMTP_ATTEST_ERR	57	00-02-57

- ND400, HD600 addition item
Network log contents type: No.58 – No.59

4.5. Disk Recorder Category common MIB (Event log)

Event log is shown as follows.

Event log is Disk Recorder Category (HdrCategory) common MIB as PssSSD common MIB.

HdrCategory =1.3.6.1.4.1.258.5100.200

No.	Object name	Syntax	Access	OID	Description	Factory default
15	evtLogNumber	Integer	RO	HdrCategory.1.3	Event log (1-750)	0
16	evtLogIndex	Integer (1...750)	RO	HdrCategory.1.4.1	Index of Event log	1-750
17	evtLogDayTime	DisplayString (SIZE0...255)	RO	HdrCategory.1.4.2	The date and time of event log "e.g. 02-10-29 12:00:00"	0
18	evtLogType	Integer	RO	HdrCategory.1.4.3	"Event log type" - "Ch No./Alarm In port No."	0

4.5.1. Event log type

Event log type	Type No.	Event type	Channel No.		Use/No use
	Value		Alarm out No,		
VMD	0	00	Channel No		Use
LOSS	1	01	Channel No		Use
TRM	2	02	Back port number(1-16)		Use
COM	3	03	Channel No,		Use
EMR	4	04	0 fixed		Use
SCD	5	05	Channel No		Use
SD-LOST	6	06	Channel No		No Use
SD-ERROR	7	07	Channel No		No use
CAM	8	08	Channel No,		Use
EXT START	9	09	0 fixed		Use
EXT STOP	10	10	0 fixed		Use
HDDy ON/OFF *** (※)	11	11	HDD number	Push count	No use
SD START (※)	12	12	0 fixed		No use
SD ABORT (※)	13	13	0 fixed		No use
SD END (※)	14	14	0 fixed		No use

CMTN: AVMD INTRUDER (Intrusion Detection)	15	15	Channel No,	Use
CRMV:AVMD REMOVAL (Object abandonment/Removal)	16	16	Channel No,	Use
CSTY:AVMD SABOTAGE	17	17	Channel No,	Use
CDRT: AVMD CAM EXT	18	18	Channel No,	Use
CTRN (terminal Alarm)	19	19	Channel No,	Use

4.5.2. Port number in the back of HD600

Type		Alarm port number
Port number in the back of HD600	No assignment	0
	Port number1	1
	Port number2	2
	Port number3	3
	Port number4	4
	Port number5	5
	Port number6	6
	Port number7	7
	Port number8	8
	Port number9	9
	Port number10	10
	Port number11	11
	Port number12	12
	Port number13	13
	Port number14	14
	Port number15	15
	Port number16	16

4.6. Disk Recorder Category common MIB (Error log)

Error log is Disk Recorder Category (HdrCategory) common MIB as PssSSD common MIB.

HdrCategory=1.3.6.1.4.1.258.5100.200

No.	Object name	Syntax	Access	OID	Description	Factory default
19	ErrLogNumber	Integer	RO	SSDHDR.1.5	The number of error log (1-100)	0
20	errLogIndex	Integer (1...100)	RO	SSDHDR.1.6.1.1 ~ SSDHDR.1.6.100.1	Index of Error log	1-100
21	errLogDayTime	DisplayString (SIZE0...255)	RO	SSDHDR.1.6.1.2 ~ SSDHDR.1.6.100.2	The date and time of Error log "e.g. 02-10-29 12:00:00"	0
22	errLogType	DisplayString (SIZE0...255)	RO	SSDHDR.1.6.1.3 ~ SSDHDR.1.6.100.3	Error log type "Error type"- "Unit number"- "Disk number/Channel No./Port No./Area /Fan number" *)reference as fellows	0

4.6.1. Error log type

Category	Error type description	Error type	Unit number	Disk number/Channel No./Port No./Area /Fan number	Others
HDD	HDD Write error	001	Unit number	Disk number	
	HDD Read error	002	Unit number	Disk number	
	Copy Media write error	003	Unit number	0 (fixed)	Unit Number SD=201 DVD=202
	HDD SMART warning	004	Unit number	Disk number	Display disk number on the Raid
	HDD hour meter warning	005	Unit number	Disk number	
	Remain capacity warning	006	Area number	Remain capacity	
	Event recording area capacity full	008	Area number	Remain capacity (0)	
	Copy1 drive full	010	Unit number	0 Fixed	Unit Number SD=201 DVD=202
	Remove auto links (per HDD)	016	Unit number	Disk number	
	RAID5 recovery failure	018	Unit number	0 fixed	
	Remove auto links (per unit)	019	Unit number	0 fixed	
	Copy media read error	023	Unit number	0 fixed	Unit Number SD=201 DVD=202
	RAID5 1 DOWN	026	Unit number	0 fixed	
	RAID5 2 DOWN	027	Unit number	0 fixed	

	Skip HDD(per HDD)	029	Unit number	Disk number	
	Single mode format failure	030	001	Disk number	
	HDD remove error	033	001	Disk number	
	RAID6 recovery failure	034	Unit number	0 fixed	
	RAID6 1 DOWN	035	Unit number	0 fixed	
	RAID6 2 DOWN	036	Unit number	0 fixed	
	RAID6 3 DOWN	037	Unit number	0 fixed	
	SKIP HDD(Unit)	038	Unit number	0 fixed	
	RAID5 format failure	039	Unit number	0 fixed	
	RAID6 format failure	040	Unit number	0 fixed	
	Partition error (HDD)	041	Unit number	Disk number	
	Partition error (unit)	042	Unit number	Disk number	
	Fan error	101	Unit number	Fan number	
	Thermal trouble	102	000 fixed	0 fixed	
	Power failure detection	103	000 fixed	0 fixed	
	Power failure recovery	104	000 fixed	0 fixed	
	Reboot by system error	106	000 fixed	0 fixed	
	The detection of recording aberrance(by AGENT)	107	000 fixed	0 fixed	
	The detection of recording aberrance(by RCA)	112	000 fixed	0 fixed	
NW	Video loss detection	211	000 fixed	Channel No.	
	Video loss recovery	212	000 fixed	Channel No.	
	Cannot resolve original notification from DNS	215	000 fixed	Channel No.	

	No response of original notification	216	000 fixed	Channel No.	
	The other error of original notification	217	000 fixed	Channel No.	
Data	Error	301	000 fixed	Channel No.	

4.6.2. Error log unit number

Type	Unit number
No Unit assignment	000
Main unit	001
Extension unit1	101
Extension unit2	102
Extension unit3	103
Copy drive1(SD)	201
Copy drive2(DVD)	202

4.6.3. Error log Disk number/Channel number/Port number/Area number/Fan number

	Type	Disk No.
Disk No.	No Disk assignment	0 (Used on RAID5/RAID6)
	Main unit1	1
	Main unit2	2
	Main unit3	3
	Main unit4	4
	Extension 1-1	5
	Extension 1-2	6
	Extension 1-3	7
	Extension 1-4	8
	Extension 1-5	9
	Extension 1-6	10
	Extension 1-7	11
	Extension 1-8	12
	Extension 1-9	13
	Extension 2-1	14
	Extension 2-2	15
	Extension 2-3	16
	Extension 2-4	17
	Extension 2-5	18
	Extension 2-6	19
	Extension 2-7	20
	Extension 2-8	21
	Extension 2-9	22
	Extension 3-1	23
	Extension 3-2	24
	Extension 3-3	25
	Extension 3-4	26
	Extension 3-5	27
	Extension 3-6	28
	Extension 3-7	29
	Extension 3-8	30
	Extension 3-9	31
Extension unit5-9	62	

Type		Value	Remarks
Channel number	No assignment of camera number	0	
	Camera1	1	
	Camera2	2	
	Camera3	3	
	Camera4	4	
	Camera5	5	
	Camera6	6	
	Camera7	7	
	Camera8	8	
	Camera9	9	
	Camera10	10	
	Camera11	11	
	Camera12	12	
	Camera13	13	
	Camera14	14	
	Camera15	15	
Camera16	16		
Camera N	N		

Type		Port number
NW Port number	No assignment number	0
	Network port	1
	Maintenance port	2

Type		Area number
Area number	No assignment area	0
	Normal area	1
	Event area	2

Type		Fan number
Fan number	No assignment fan	0

	Fan2	2
	Fan3	3
	Fan4	4

4.7. HDR Standard MIB (Internal error log)

SSD の障害ログを下記に示す。障害ログは SSD 標準 MIB のサブツリーである HDR 分野共通 MIB となっている。

HdrCategory=1.3.6.1.4.1.258.5100.200

MIB name	Syntax	Access	Object ID	Description	Factory default
IntErrLogNumber	Integer	RO	SSDHDR.1.11	The total number of internal error log(1- 200)	0(count T.B.D)
IntErrLogIndex	Integer (1...200)	RO	SSDHDR.1.12..1. 1 ~ SSDHDR.1.12.20 0.1	The number of each log ※1~200 :log number	NULL
IntErrLogType	DisplayString (SIZED...255)	RO	SSDHDR.1.12.1. 2 ~ SSDHDR1.12.20 0.2	It is defined correspond to the log define structure	NULL

4.8. Disk Recorder Category common MIB (Reboot status)

It shows the data that is related to HDD of SSD as follows. The data of relational HDD is common MIB of HDR category that is sub tree of SSD standard MIB.

HdrCategory=1.3.6.1.4.1.258.5100.200

No.	MIB name	syntax	Access	OID	Description	Factory default
1	HDD	String	RO	SSDHDR.1.13. 1.1 ~ SSDHDR.1.13. 1.31	HDD capacity or connection condition *1~31 is correspond to each HDD number. *When RAID, it is same above. <ul style="list-style-type: none"> • In case of normal operation disk Disk capacity (Unit : GB) Ex : 『500 GB』 • ADD Disk 『ADD』 display • LOST disk 『LOST』 display • REMOVE disk 『REMOVE』 display • No connection 『- GB』 • Disk replace 『*』 display • USED Disk 『USED』 display • ERROR Disk 『ERROR』 display 	500
		Integer	RO	SSDHDR.1.13. 11.1 ~ SSDHDR.1.13. 11.31	HDD capacity or connection condition *1~31 is correspond to each HDD number. *When RAID, it is same above.	

					<ul style="list-style-type: none"> • Normal operation Disk Disk capacity (unit : GB) Ex. : 250 GB ⇒ 250 • ADD Disk Ex. ADD ⇒ 99999991 • LOST Disk Ex : LOST ⇒ 99999992 • REMOVE disk Ex : REMOVE ⇒ 99999993 • No connection Ex : - ⇒ 99999999 • Disk replace Ex : * ⇒ 11111111 • USED Disk Ex : USED ⇒ 22222222 • ERROR Disk Ex : ERROR ⇒ 99999994 	
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No.	MIB name	syntax	Access	OID	Description	Factory default
2	HourMeterXX	String	RO	SSDHDR. 1. 13. 2. 1 ~ SSDHDR. 1. 13. 2. 31	Used time of HDD (1~99999) *1~31 is correspond to each HDD number. *When RAID, it is same above. • Normal operation disk Disk capacity (unit : time) Ex : 『125 h』 • Other case 『- h』	0 h
		Integer	RO	SSDHDR. 1. 13. 12. 1 ~ SSDHDR. 1. 13. 12. 31	Used time of HDD (1~99999) *1~31 is correspond to each HDD number. *When RAID, it is same above. • Normal operation disk Disk capacity (unit : time) Ex. : 『125 h』 ⇒ 125 • Other case	0 h

					Ex : 『- h』 ⇒ 99999999	
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No.	MIB name	syntax	Access	OID	Description	Factory default
3	HDDGList	String	RO	SSDHDR.1.13.3.1 ~ SSDHDR.1.13.3.31	The number of G-List(Hex、0000~FFFF) ※1~31 is correspond to each HDD number ・ Normal operation disk or REMOVE disk Ex. : 『001A』 ・ Other case 『-』	0
		Integer	RO	SSDHDR.1.13.13.1 ~ SSDHDR.1.13.13.31	The number of G-List (Hex、0000~FFFF) ※1~31 は各HDD 番号に対応 ・ 1~31 is correspond to each HDD number ・ Normal operation disk or REMOVE disk Ex. : 『001A』 ⇒ 00000026 ・ Other case Ex. : 『-』 ⇒ 99999999	0

No.	MIB name	syntax	Access	OID	Description	Factory default
4	HDDSmart	String	RO	SSDHDR.1.13.4.1 ~ SSDHDR.1.13.4.31	SMART Warning condition ※1~31 is correspond to each HDD number ・ Normal operation disk or REMOVE disk 『0』 : SMART without warning 『1』 : SMART with warning ・ Other case 『-』	0
		Integer	RO	SSDHDR.1.13.14.1. ~ SSDHDR.1.13.	SMART warning condition ※1~31 is correspond to each HDD number ・ Normal operation disk or	0

				14.31	REMOVE disk 『 0 』 : SMART without warning 『 1 』 : SMART with warning ▪ Other case 『 - 』 ⇒ 99999999	
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RAID5/6 とともに、正常 HDD かダウン HDD であるか表示する
RAID5/6 運用で 1 ダウン、2 ダウン、3 ダウンした HDD が
どの HDD であるかの識別は行わない

No.	MTB name	syntax	Access	OID	Description	Factory default
5	HDDSingleRaid	String	RO	SSDHDR.1.13. 5.1 ~ SSDHDR.1.13. 5.31	Operation condition ※1~31 is correspond to each HDD number <ul style="list-style-type: none"> Normal operation disk or REMOVE disk 『0』: Single operation 『1』: RAID5/6 operation with properly HDD 『2』: RAID5/6 operation with down HDD Other case 『-』 	0
		Integer	RO	SSDHDR.1.13. 15.1 ~ SSDHDR.1.13. 15.31	Operation condition ※1~31 is correspond to each HDD number <ul style="list-style-type: none"> Normal operation disk or REMOVE disk 『0』: Single operation 『1』: RAID5/6 operation with properly HDD 『2』: RAID5/6 operation with down HDD Other case 『-』 ⇒ 99999999 	0

4.9. Disk Recorder Category common MIB (Reboot status)

Reboot status is Disk Recorder Category (HdrCategory) common MIB as PssSSD common MIB

No.	Object name	Syntax	Access	OID	Description	Factory default
1	rebootRequest	Integer	RO	HdrCategory.1.14	It is shown whether reboot is necessary. 0:Normal state (reboot not need) 1.State of reboot demand (Fixed 0 in WJ-HD600)	0

4.10. Disk Recorder Category common MIB (Camera connection status)

Camera connection status is Disk Recorder Category (HdrCategory) common MIB as PssSSD common MIB

HdrCategory=1.3.6.1.4.1.258.5100.200

No.	Object name	Syntax	Access	OID	Description	Factory default
1	CamSvncState	Integer	RO	HdrCategory.1.15.1 -- HdrCategory.1.15.16	0: connect 1: Not connect Index 1-16 is Camera channel.	-

4.11. Disk Recorder Category common MIB (Temperature)

Temperature is Disk Recorder Category (HdrCategory) common MIB as PssSSD common MIB.

HdrCategory=1.3.6.1.4.1.258.5100.200

No.	Object name	Syntax	Access	OID	Description
1	Temperature	String	RO	HdrCategory.1.16	Temperature of HD600 (The second place of the decimal point is rounded off) * J/G model :degrees centigrade * P model :degrees Fahrenheit e.g. 38.4 deg C 101.1 deg F
		Integer	RO	HdrCategory.1.16.2.1	* J/G model Temperature of HD600 (The first place of the decimal point is rounded off) e.g.:38.4 deg C -> 38
		Integer	RO	HdrCategory.1.16.2.2	* J/G model Temperature of HD600 (The second of the decimal point is rounded off, and do 10 times) e.g.:38.39 deg C -> 384
		Integer	RO	HdrCategory.1.16.3.1	* P model Temperature of HD600 (The first place of the decimal point is rounded off) e.g.:101.1 deg F -> 101
		Integer	RO	HdrCategory.1.16.3.2	* P model Temperature of HD600 (The second of the decimal point is rounded off, and do 10 times) e.g.:101.09eg F -> 1011

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5. Community

In setup menu of WJ-HD600, the user can set the community name.

The default value is "NULL".

6. WJ-HD600 SNMP settings

The capital letter and the small letter are distinguished.

WJ-ND400 SNMP settings	Object name	Description	Factory default	Max length
Community		Community name	Public	32
System name	SysName	Name for this managed node. This is the node's fully-qualified domain name.	NULL	255
Location	Sys Location	The physical location of this node.	NULL	255
Contact	SysContact	the contact person for this managed node, information on how to contact this person	NULL	255

7. MIB under Enterprises

It is fix value.

OID	Name	Description
258	Panasonic	Panasonic
5100	System network company	System network Company Security & Sound Systems Business Unit
200	Disk Category	Disk Category