

# GJD Knowledge Base Article IPA Driver Integration with Milestone XProtect

#### Most Recent Update : 05/15/2020

**Objective:** This article describes the steps necessary to connect your GJD Internet Protocol Anything(IPA) product to Milestone XProtect VMS.

<u>Note</u>: This article assumes you have powered up & IP addressed your IPA and have at minimum, Milestone XProtect 2019 R3.

#### Models Supported: GJD516

#### Procedures

### GJD Gateway Software Download and Installation

- 1. Download and install GJD Gateway software which can be found here, or by visiting our site: www.gjdusa.com
- 2. Run and install GJD Gateway by following the onscreen prompts. An icon will appear on your desktop, or you may open a web browser and go to <a href="http://localhost:5000/">http://localhost:5000/</a>
- 3. Press the **Scan** button to search your network for GJD IP Devices. If the device is located on another network or auto-discovery is prevented for any reason, click the **Add** button to manually configure the device. Once the scan has finished, discovered/added devices will now appear in the Devices list and are now ready to be added to Milestone.

Devices						Scan Add Clear
Device type	MAC	Host	Port	Milestone Host	Milestone Port	Paired with Milestone
clarius	70-B3-D5-D1-F6-D0	192.168.1.140	80	localhost-70-B3-D5-D1-F6-D0	5000	No
dtect	70-B3-D5-D1-FB-7D	192.168.1.131	80	localhost-70-B3-D5-D1-FB-7D	5000	No
clarius	70-B3-D5-D1-F6-3A	192.168.1.10	80	localhost-70-B3-D5-D1-F6-3A	5000	No
dtect	70-B3-D5-D1-F9-D1	192.168.1.160	80	localhost-70-B3-D5-D1-F9-D1	5000	No



## **XProtect Management Client**

Note: If not created already, you will need to make a new folder called 'MIPDrivers' under C:/Program Files/Milestone. Ensure you unzipped or copy and pasted the GJD drivers into this folder prior to moving forward in this walkthrough.

1. Launch Management Client then navigate to **Recording Servers** in the left pane and right click>**add** hardware to the desired recording server.



2. Select Manual and click Next

Add Hardware			$\times$
	Add Hardware		
+	This wizard helps you detect and set up hardware.		
J. J. K	Hardware detection method:		
	Add Hardware         This wizard helps you detect and set up hardware.         Hardware detection method:         C Express (recommended)         Automatically detects hardware on the recording server's local network         Address range scanning         Scans defined network address ranges and detects hardware models         Image: Manual Detects hardware models for manually entered IP addresses and host names         Remote connect hardware data a remote connect server		
	<ul> <li>Address range scanning Scans defined network address ranges and detects hardware models</li> </ul>		
	Manual Detects hardware models for manually entered IP addresses and host names		
	<ul> <li>Remote connect hardware Add hardware connected via a remote connect server</li> </ul>		
milestone			
Help	< Back Next >	Cancel	



3. Add/Select the credentials used when setting up your GJD IP devices initially, then click Next.

Add Har	dware			×
Specif	fy user name and password if devices are no	t using the default ones.	milesto	one
Include	User Name	Password	Add	
	(Factory Default)	•••••	Remove	
	admin	•••••		
	test	•••••		

4. Scroll down to find GJD and expand the list to select the device(s) you are setting up. Select IPA and click Next.



5. It is Important to note that you must use the Milestone Address and Milestone Port located in the Gateway web page. Copy and paste the correct information from the Gateway to Management Client.

Devices	1					Scan Add Clea
Device type	MAC	Host	Port	Milestone Host	Milestone Port	Paired with Milestone
dtect	70-B3-D5-D1-FB-A2	192.168.1.86	80	localhost-70-B3-D5-D1-FB-A2	5000	No
ipa	70-B3-D5-D1-FC-CD	192.168.1.87	80	localhost-70-B3-D5-D1-FC-CD	5000	No
Add Hardw	/are			/		
Enter inf Optiona	formation for hardware Ily, select driver type to	you want to add	d. ction.			
Ac	dress		Port	Hardware model		
► loc	alhost-70-B3-D5-D1-FC-Cl	D 5	000	(Auto-detect)		~





6. After entering the Milestone Address and Port information, select **IPA** from the **Hardware model** list, and click **Next**.

Add I	Hardware					×
Ent Op	ter information for hardware you wa tionally, select driver type to speed	nt to add. up detection.			milest	one
	Address	Port	Hardware model		Add	
•	localhost-70-B3-D5-D1-FC-CD	5000	(Auto-detect)	~	Remove	
			(Auto-detect) IPA			

7. Milestone will then attempt to detect the added hardware. On **Success**, select the hardware you wish to add from the list and click **Next**.

Add Hardware				
Wait while your hardware is being detecte Once detection has completed, select wh	d. ich hardware to add.			milestone
Detected hardware:				
Add Address	Port	Hardware model	Status	
localhost-70-B3-D5-D1-FC-CD	5000	IPA	Success	

8. After a successful detection, Milestone will then connect to each hardware device and collect information regarding the inputs & outputs available. When each device has a status of **Success**, click **Next**.

Add Hardware			_		×
Wait while the system connects to each Successfully collected hardware will be a	n hardware and colle dded.	ects device specific information.		milest	one
Collected hardware information:					
Address	Port	Hardware model	Status		
localhost-70-B3-D5-D1-FC-CD	5000	IPA	Success		



 Select the inputs and outputs from each device that you would like to use. If you are unsure which ones you will be using, you may select the Input and Output boxes, which will select all I/O's on all devices. Click Next when finished.

dd Hardware									×
Hardware and cam The hardware and	eras are enable its devices will	d per default. be assigned a	Manually er iuto-genera	nable additi ted names.	ional devices Alternatively	to be used. 7, enter names mar	nually.	milest	one
Hardware name templat	e:				Device nar	ne template:			
Default				$\sim$	Default				
Hardware	🗹 Camera	Microph	one	Speak	er	Metadata	🗹 Input	Output	
Hardware to Add			Enabled	Name					
IPA Driver - localhost-7	0-b3-d5-d1-fc-cd								
📷 Hardware:				IPA Dr	iver (localhost	-70-b3-d5-d1-fc-cd	)		
do Input port 1:				IPA Dr	iver (localhost	-70-b3-d5-d1-fc-cd	) - Tamper		
de land and 2						701.0.15.114	Townshing		
o o input port 2.				IFA DI	iver (iocainosi	-/U-D3-d5-d14c-cd	) - Temperature		
do Input port 2:				IPA Dr	iver (iocalnosi iver (localhost	-70-b3-d5-d14c-cd	) - Temperature ) - Digital input 1		
of Input port 2: of Input port 3: of Input port 4:				IPA Dr IPA Dr	iver (localhost iver (localhost iver (localhost	-70-b3-d5-d14c-cd -70-b3-d5-d14c-cd -70-b3-d5-d14c-cd	) - Digital input 1 ) - Digital input 2		
of o input port 2:         of o input port 3:         of o input port 4:         of o input port 5:				IPA Dr IPA Dr IPA Dr	iver (localhost iver (localhost iver (localhost iver (localhost	-70-b3-d5-d1+c-cd -70-b3-d5-d1+c-cd -70-b3-d5-d1+c-cd -70-b3-d5-d1+c-cd	) - Digital input 1 ) - Digital input 2 ) - Digital input 2		

10. Select a default group for your I/O's to be part of, or create a custom group depending on your setup preferences. Click **Next** when finished.

Select a default group for all device Alternatively, select device group i	s types. ndividually	r for each device.		milest	one
Default camera group:		Devices	Add to Group	innest	one
No group selected	2	Input	Add to Group		
Default microphone group:		do IPA Driver (localhost-70-b3-d5-d1-fc-cd)	- Di Default Group		
No group selected	2	of IPA Driver (localhost-70-b3-d5-d1-fc-cd)	- Di Default Group		
Default sneaker group:		of IPA Driver (localhost-70-b3-d5-d1-fc-cd)	- Di Default Group		
No group selected	Pa	of IPA Driver (localhost-70-b3-d5-d1-fc-cd)	- Di Default Group		
		of IPA Driver (localhost-70-b3-d5-d1-fc-cd)	- T Default Group		
Derault metadata group:		of IPA Driver (localhost-70-b3-d5-d1-fc-cd)	- T Default Group		
No group selected		Outputs			
Default input group:		IPA Driver (localhost-70-b3-d5-d1-fc-cd)	- Di Default Group		
All Inputs		IPA Driver (localhost-70-b3-d5-d1-fc-cd)	- Di Default Group		
Default output group:		PA Driver (localhost-70-b3-d5-d1-fc-cd)	- Di Default Group		
All Outputs	2	-			_

11. You have now successfully added your GJD IP devices to Milestone XProtect Management Client.

If you require additional assistance, please call our toll-free number at 1 (855) 241-2264 or email us at info@gjdusa.com