

Dallmeier Integration Kit for Milestone XProtect

Installation, Setup and User Guide





Table of Contents

1	Pr	erequi	sites4
	1.1	Soft	ware and Licensing
	1.	1.1	Microsoft System Requirements4
	1.	1.2	Milestone XProtect System Requirements4
	1.	1.3	Dallmeier5
	1.	1.4	ORBNET Systems
	1.	1.5	PC System Requirements5
	1.	1.6	Copyright, trademarks, and disclaimer6
2	Sc	oftware	Schematic with Installation Methods7
3	In	stallati	on of Dallmeier Integration Kit for Milestone XProtect8
	3.1	XPro	otect Recording Server
	3.2	XPro	ptect Management Server
	3.3	XPro	ptect Smart Client
	3.	3.1	SeMSy Decoder Client – Not Found18
4	Lie	cense .	
	Do	allmeie	r Integration Kit Panomera S-Series20
	4.	1.1	Dallmeier Plugin and Dallmeier Driver for XProtect
5	Co	onfigur	ation21
6	XF	Protect	Management Client
	6.1	Add	Dallmeier device
	6.2	Dall	meier Integration Kit - Device Setup25
	6.	2.1	Dallmeier Panomera Driver25
	6.	2.2	Dallmeier Domera Driver25
	6.	2.3	Hardware Device Settings
	6.	2.4	Video Device Settings
	6.	2.5	Video Device Event Settings
	6.	2.6	Dallmeier Web Plugin
	6.	2.7	Microphone Device Settings
	6.:	2.8	Metadata Device Settings
	6.:	2.9	Output Device Settings
7	Se	tup of	Panomera S-Series Plugin

	7.1.	1	Add Panomera camera modules to the Panomera S-Series plugin	33
7	.2	Alar	m definitions	36
7	.3	Dall	meier Integration Kit Events in XProtect Rules and Events	37
8	Use	r Setı	up Guide	38
9	XPro	otect	Smart Client	38
9	.1	Dall	meier plugins explained	38
	9.1.3	1	Dallmeier SeMSy Decoder Client	39
	9.1.2	2	PApp Laucher	39
9	.2	Dall	meier plugins setup	40
	9.2.3	1	Plugin Properties	42
9	.3	Dall	meier plugins operation	44
9	.4	Dall	meier Integration Kit - Playback Mode	46
10	K	nowr	n Limitations	49
	10.1	1	Adaptive Streaming	49
	10.1	2	Remote Retrieval	49
11	Т	roubl	leshooting	50
	11.1	1	XProtect Event Server Installation	50
	11.1	2	No Video shown – SeMSy Decoder Client Started	50

1 Prerequisites

1.1 Software and Licensing

1.1.1 Microsoft System Requirements

Client:

- Microsoft® Windows® 10 Pro (64 bit)
- Microsoft[®] Windows[®] 10 Enterprise (64 bit)
- Microsoft® Windows® 10 Enterprise LTSB 2016 (version 1607 or later)
- Microsoft® Windows® 10 IoT Enterprise, version 1803 or later (64 bit), IoT Core

Server:

- Microsoft® Windows® Server 2016 (64 bit): Essentials, Standard and Datacenter
- Microsoft® Windows® Server 2019 (64 bit): Essentials, Standard and Datacenter
- Microsoft® Windows® Server 2022 (64 bit): Essentials, Standard and Datacenter

1.1.2 Milestone XProtect System Requirements

- XProtect Essential+, XProtect Express+, XProtect Professional+, XProtect Expert, XProtect Corporate 2020 R1 (20.1a) or above
- XProtect Event Server
 - The <u>XProtect Event Server</u> is included as part of your XProtect installation. ***Note*** *If this component has not been installed with your version follow the steps found in troubleshooting at the end of this document.*
- XProtect Device Licenses applied to your XProtect base license.
 - Spare device license is required for each Dallmeier device video channel connected to XProtect.
 - Below figure is effective as of XProtect 2021-R2

LICENSES	
SKU ID	Name
XPEXPLUSDL	XProtect Express+ Device License (DL)
XPPPLUSDL	XProtect Professional + Device License (DL)
XPETDL	XProtect Expert Device License (DL)
XPCODL	XProtect Corporate Device License (DL)

1.1.3 Dallmeier

- Hardware Dallmeier Panomera Camera
- Hardware Dallmeier Domera Camera
 - 0 Provided by Dallmeier or relevant security systems distributor.
- Software Panomera S-Series Installer for XProtect

 Included in Integration Kit installer.
- License Panomera S-Series
 - O Related to XProtect plugin for Panomera S-Series devices only. Make a request to Milestone Sales purchase@milestonesys.com with the Milestone XProtect Software License Code (SLC) this installation relates to. The license is free of charge but needs to be associated to the SLC to operate.

1.1.4 ORBNET Systems

- License Dallmeier Integration Kit
 - 0 No license is required for the Dallmeier for XProtect plugin, this is a free of charge application.
- Installer SeMSyDecoderClient(64Bit).exe
 - 0 Available to download from <u>https://orbnetsys.com/dallmeier</u> once registered and signed into the website <u>https://orbnetsys.com/</u>
- Installer Dallmeier Plugins for XProtect v#.#.msi
 - 0 Available to download from <u>https://orbnetsys.com/dallmeier</u> once registered and signed into the website <u>https://orbnetsys.com/</u>
- Installer Dallmeier Drivers for XProtect v#.#.msi
 - 0 Available to download from <u>https://orbnetsys.com/dallmeier</u> once registered and signed into the website https://orbnetsys.com/

1.1.5 PC System Requirements

- Supported Microsoft operating system, listed in the above Microsoft system requirements.
- Workstation with <u>XProtect Smart Client</u> is to be used for viewing the Dallmeier cameras with the SeMSy Decoder Client.
 - Prerequisites
 - Minimum:
 - Nvidia GPU Pascal or newer (1070 or greater)
 - Operating system Microsoft Windows 10 Pro x64 bits
 - Recommended:
 - CPU 10-core 3.7 GHz
 - RAM 16 GB free
 - SSD 256 GB
 - Nvidia Quadro RTX4000 or higher
 - Operating system Microsoft Windows 10 Pro x64 bits



<u>SeMSy Decoder Client</u> does not work via Windows Remote Desktop.

• Mouse with scroll wheel, example mouse type below



1.1.6 Copyright, trademarks, and disclaimer

Copyright © 2022 ORBNET Systems

Copyright law and international treaties protect this Software.

Licensing agreements specify the terms and conditions of the Software use.

Neither the Customer nor any third party will be permitted to inspect, possess, use, copy, or attempt to discover any part of the Software source code (or any portion thereof).

Trademarks

XProtect is a registered trademark of Milestone XProtect Systems A/S. Milestone XProtect and connected components will be referred to as XProtect throughout this document.

Panomera and Domera are trademarks of Dallmeier electronic GmbH & Co.KG.

Microsoft and Windows are registered trademarks of Microsoft Corporation.

This document contains other trademarks which belong to their respective owners.

Disclaimer

In preparing this text, due care has been taken to ensure that it is intended for general information purposes only.

Information provided herein does not constitute any kind of warranty, and any risk resulting from its use rests with the recipient.

Adjustments may be made without prior notification by ORBNET Systems.

In this text, all names and organizations referenced in examples are fictitious.

2 Software Schematic with Installation Methods

Dallmeier cameras are connected directly to the <u>XProtect Recording Server</u> and managed by the <u>XProtect Management Server</u>.

Please use the following installers for each XProtect server or client.

- <u>XProtect Management Server</u>
 - o Panomera S-Series
 - o Dallmeier Plugins for XProtect
- XProtect Recording Server
 - o Dallmeier Drivers for XProtect
- <u>XProtect Smart Client</u>
 - Panomera S-Series
 - SeMSy Decoder Client
 - Dallmeier Plugins for XProtect



3 Installation of Dallmeier Integration Kit for Milestone XProtect

Place the Dallmeier Integration Kit for Milestone XProtect that includes the SeMSy Decoder, Dallmeier Driver for XProtect Setup and Dallmeier Plugins for XProtect Setup (including Panomera S Series Plugin for XProtect) installers in a folder on the desktop and double the relevant installer to start the installation process.

3.1 XProtect Recording Server

Start with the <u>XProtect Recording Server</u> that will be used for Dallmeier devices. Install Dallmeier Drivers for XProtect.

Welcome to the Dallmeier Drivers for XProtect Setup Wizard	License Agreement Dallmeier
The installer will guide you through the steps required to install Dalimeier Drivers for XProtect on your computer.	Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next". Otherwise click "Cancel".
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or ciminal penalities, and will be prosecuted to the maximum extert possible under the law.	
	I Do Not Agree I Agree
< <u>R</u> ack <u>N</u> ext > Cancel	< Back Next > Cancel
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Dallmeıer	
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Dallmeter Dellmeter	The installer is ready to install Dallmeier Drivers for XProtect on your computer. Click "Next" to start the installation.

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	Click "Close" to exit.	k for any critical updates to the .NET Framew	ork.	Dallmeier Drivers You must restart your s XProtect to take effect	for XProtect ystem for the configuration Click Yes to restart now (n changes made to Dallmeier Drivers fo or No if you plan to manually restart late

Restarting the server is recommended, but not required.

3.2 XProtect Management Server

Move onto the <u>XProtect Management Server</u> with the <u>XProtect Event Service</u>. Run the <u>Dallmeier</u> Plugins for <u>XProtect</u> installer. This installer also covers the installation of the <u>Panomera S Series</u> Plugin for <u>XProtect</u>.

Dallmeier Plugins for XProtect – 🗆 🗙	🛃 Dallmeier Plugins for XProtect – 🗆 🗙
Welcome to the Dallmeier Plugins for XProtect D Setup Wizard Dallmeier	License Agreement Dallmeiel
The installer will guide you through the steps required to install Dallmeier Plugins for XProtect on your computer.	Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next", Otherwise click "Cancel".
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.	
	O I Do Not Agree
< Back Next > Cancel	< <u>Back</u> Next > Cancel
Select Installation Folder	Confirm Installation
The installer will install Dallmeier Plugins for XProtect to the following folder	The installer is ready to install Dallmeier Plugins for XProtect on your computer
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".	Click "Next" to start the installation.
Folder	
C:\Program Files\Milestone\MIPPlugins\Dallmeier\ Browse	
Disk Cost	
Install Dallmeier Plugins for XProtect for yourself, or for anyone who uses this computer:	
Everyone	
⊖ Just <u>m</u> e	

When prompted for installation of the <u>XProtect Smart Client</u> plugins press **No** to prevent the installation of operator client installers. This is only recommended for desktop clients used alongside the <u>XProtect</u> <u>Smart Client</u> with the recommended system requirements.

Smart Client Plugin	-		×
Press Yes if you want to install the Smart Clie (Includes Dallmeier SeMSy Decoder Client an Panomera S Series Plugin) or press "No" if yo install the Management Client plugins o	ent plu d Mile ou wa only.	gins stone nt to)
Yes	No		
Milestone Panomera S Series Plugin Installation	_		×

Yes

No

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			option is applied.	registration with Milestone Sy	stems if such voluntary
			This End-user License Agre	ement ("EULA") is a legally b	inding agreement and Milestone Systems
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K Back Cancel					
		< Back Close Cancel			

3.3 XProtect Smart Client

If the <u>XProtect Smart Client</u> is to be used for viewing the Dallmeier cameras install the <u>SeMSy</u> <u>Decoder</u> Client.



As this requires a large amount of processing and graphics, this is not recommended for use with application servers as the system performance will be degraded.



For the <u>XProtect Smart Client</u>, please ensure the hardware meets with the recommended <u>PC System Requirements</u>.

First run the SeMSy Decoder Client installer.

1Sy® Decoder Client - InstallShield Wizard	SeMSy® Decoder Client V1.1.4.33 - Installation
SeMSy® Decoder Client requires the following items to be installed on your computer. Click Install to begin installing these requirements.	Dalimeier Welcome to the InstallShield Wizard for SeMSy® Decoder Client
tatus Requirement ending DimPAppLauncher	The InstallShield(R) Wizard will install SeMSy® Decoder Client your computer. To continue, dick Next.
	WARNING: This program is protected by copyright law and international treaties.
Install Cancel	< gack Next > Cancel
eMSy® Decoder Client V1.1.4.33 - Installation X	< Beck Next > Cancel SeMSy® Decoder Client V1.1.4.33 - Installation
eMSy® Decoder Client V1.1.4.33 - Installation × cense Agreement Please read the following license agreement carefully.	< Back Next > Cancel SeMSy® Decoder Client V1.1.4.33 - Installation Destination Folder Click Next to install to this folder, or click Change to install to a different folder.
Install Cancel SeMSy® Decoder Client V1.1.4.33 - Installation X Icense Agreement Please read the following license agreement carefully.	< Back Next > Cancel SeMSy® Decoder Client V1.1.4.33 - Installation Destination Folder Click Next to install to this folder, or click Change to install to a different folder. Install SeMSy® Decoder Client to:
Install Cancel SeMSy® Decoder Client V1.1.4.33 - Installation X Kense Agreement Image: Consection of the section of t	SeMSy® Decoder Client V1.1.4.33 - Installation Destination Folder Install to this folder, or click Change to install to a different folder. Click Next to install to this folder, or click Change to install to a different folder. Install SeMSy® Decoder Client to: C:\Program Files\Dallmeier\SeMSyDecoderClient\ Change.
Install Cancel SeMSy® Decoder Client V1.1.4.33 - Installation × Icense Agreement Image: Consection of the second seco	SeMSy® Decoder Client V1.1.4.33 - Installation Destination Folder Click Next to install to this folder, or click Change to install to a different folder. Install SeMSy® Decoder Client to: C:\Program Files\Dallmeier\SeMSyDecoderClient\
Install Cancel SeMSy® Decoder Client V1.1.4.33 - Installation × Icense Agreement Image: Consection of the product of the terms in the license agreement I go not accept the terms in the license agreement Print	SeMSy® Decoder Client V1.1.4.33 - Installation Destination Folder Install to this folder, or click Change to install to a different folder. Click Next to install to this folder, or click Change to install to a different folder. Install SeMSy® Decoder Client to: C:\Program Files\Dallmeier\SeMSyDecoderClient\ Change.
Install Cancel SeMSy® Decoder Client V1.1.4.33 - Installation × Icense Agreement Image: Consection of the products of the product of	SeMSy® Decoder Client V1.1.4.33 - Installation Destination Folder Click Next to install to this folder, or click Change to install to a different folder. Click Next to install SeMSy® Decoder Client to: C:\Program Files\Dallmeier\SeMSyDecoderClient\ C:\Program Files\Dallmeier\SeMSyDecoderClient\





SeMSy Decoder Client does not work via Windows Remote Desktop.

Next run the **Dallmeier Plugins for XProtect** installer. This installer also covers the installation of the **Panomera S Series Plugin for XProtect**.

Dallmeier Plugins for XProtect – 🗆 🗙	🛃 Dallmeier Plugins for XProtect - 🛛 🗙
Welcome to the Dallmeier Plugins for XProtect D Setup Wizard Dallmeier	License Agreement Dallmeier
he installer will guide you through the steps required to install Dallmeier Plugins for XProtect on your computer.	Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next". Otherwise click "Cancel".
/ARNING: This computer program is protected by copyright law and international treaties, insulthorized duplication or distribution of this program, or any portion of it, may result in severe civil criminal generatives, and will be prosecuted to the maximum entert processible under the law.	
	O I Do Not Agree
< <u>R</u> ack <u>N</u> ext > Cancel	< Back Next > Cancel
Jalimeier Plugins for XProtect - X	Dalimeter Plugins for XProtect – X
Select Installation Folder Dallmeier	
The installer will install Dallmeier Plugins for XProtect to the following folder. Fo install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".	The installer is ready to install Dallmeier Plugins for XProtect on your computer. Click "Next" to start the installation.
Eolder: C:\Program Files\Milestone\MIPPlugins\Dallmeier\ Biowse Ditl: Cath	
Install Dalmeier Plugins for XProtect for yourself, or for anyone who uses this computer:	
Evenuone	
O Just me	
< <u>B</u> ack <u>N</u> ext> Cancel	< <u>B</u> ack <u>N</u> ext> Cancel

When prompted for installation of the <u>XProtect Smart Client</u> plugins press <u>Yes</u> to start the installation of operator client installers. This is only recommended for desktop clients used alongside the <u>XProtect</u> <u>Smart Client</u> with the recommended system requirements.



At this stage the installer confirms that the SeMSy Decoder Client is already installed and is at the correct version. If the message, you get here is different check <u>SeMSy Decoder Client – Not Found</u>.

Restart PApp Launcher?	_		×
This plugin requires a restart of the followir Launcher. Would you like us to restart it	ng service for you no	: PAp ow?	р
Yes	No		
Yes	No	,	



PanomeraSSeries Setup	- X			
		PanomeraSSeries Setup		- 🗆 X
	Welcome to the PanomeraSSeries Setup Wizard	Please read the following lice	nent nse agreement carefully	♦ milestone
	The Setup Wizard will install PanomeraSSeries on your computer. Click Next to continue or Cancel to exit the Setup Wizard.		I-user License	Agreement
\diamond		This End-user License Agr between you (either an ind A/S ("Milestone") for the M	d-user License Agreement a registration with Milestone S eement ("EULA") is a legally ividual or a single legal entit ilestone product or utility. wi	all ensure that you have an ensure to provide Systems if such voluntary binding agreement y) and Milestone Systems ich may include associated v
milestone		I accept the terms in the Lie	cense Agreement	andala antina na stantanala
	Back Next Cancel		Print Back	Next Cancel
PanomeraSSeries Setup	- 🗆 X	🚯 PanomeraSSeries Setup		- 🗆 X
Ready to install Panome	raSSeries \diamond milestone		Completed the Pan Wizard	omeraSSeries Setup
Click Install to begin the inst settings. Click Cancel to exit	stallation. Click Back to review or change any of your installation t the wizard.		Click the Finish button to exi	t the Setup Wizard.
		milestone		
	Back Sinstall Cancel	milestone	Back	Enish Cancel
_	Back Sinstall Cancel	milestone	Back	Einish Cancel
🛃 Dallmeier Plugins for XP	Back Install Cancel	milestone	Back	Einish Cancel
Dallmeier Plugins for XP Installation Comp	Back Install Cancel	milestone	Back	Einish Cancel
Dallmeier Plugins for XP Installation Comp Dallmeier Plugins for XProtect	Back Install Cancel Frotect – X Delte Dalimered thas been successfully installed.	milestone	Back	Einish Cancel
Dallmeier Plugins for XP Installation Comp Dalmeier Plugins for XProtect Click "Close" to exit.	Back Install Cancel	milestone	Back	Einish Cancel
Dallmeier Plugins for XP Installation Comp Dalmeier Plugins for XProtect Click "Close" to exit.	Back Install Cancel Protect — × blete Delineeei t has been successfully installed. to check for any critical updates to the .NET Framework.	milestone	βack	Einish Cancel

3.3.1 SeMSy Decoder Client – Not Found

Install setups if <u>SeMSy Decoder Client</u> is not found. If the client was not installed before running the **Dallmeier Plugins for XProtect** installer.

Dallmeier SeMSy Decoder Client Installation	- • ×
The SeMSy decoder client (min version=1.1.7) mu software. Would you like to exit this	ust be installed before installing the this s setup and install it now?
Yes	No
> Installer exiting	- o ×
Installer exiting	- o x
Installer exiting Please run the "SeMSyDecoderClient(64E)	- □ × Bit).exe" contained in the zippped
Installer exiting Please run the "SeMSyDecoderClient(64E package. Please exit this installer control of the second sec	- □ × Bit).exe" contained in the zippped mpletely before proceeding.
Installer exiting Please run the "SeMSyDecoderClient(64E package. Please exit this installer con	- □ × Bit).exe" contained in the zippped mpletely before proceeding.
Installer exiting Please run the "SeMSyDecoderClient(64E package. Please exit this installer con	× Bit).exe" contained in the zippped mpletely before proceeding.
Installer exiting Please run the "SeMSyDecoderClient(64E package. Please exit this installer control of the second sec	× Bit).exe" contained in the zippped mpletely before proceeding.

nstalling Dallmeier Plugins for XProtect Dallmeier	Installing Dallmeier Plugins for XProtect
allmeier Plugins for XProtect is being installed.	Dallmeier Plugins for XProtect is being installed.
🛃 Dallmeier Plugins for XProtect X	Ballmeier Plugins for XProtect X
Error 1001. An exception occurred in the OnBeforeInstall event handler of DallmeierMilestonePlugins.Installer1> This is not an error, please exit now.	Error 1001. An exception occurred during the Rollback phase of the installation. This exception will be ignored and the rollback will continue. However, the machine might not fully revert to its initial state after the rollback is complete> The savedState dictionary does not contain the expected values and might have been corrupted.
OK	ОК
	(Ref. New)
Dallmeier Plugins for XProtect — 🗆 🗙	
Dallmeier Plugins for XProtect – – × nstallation Incomplete Dallmeier he installer was interrupted before Dallmeier Plugins for XProtect could be installed. You need to	
Dallmeier Plugins for XProtect – – × nstallation Incomplete Dallmeier Plugins for XProtect could be installed. You need to start the installer to try again. lick "Close" to exit.	
Dallmeier Plugins for XProtect – – × nstallation Incomplete Dallmeier Plugins for XProtect could be installed. You need to estart the installer to try again. lick "Close" to exit.	
Dallmeier Plugins for XProtect – – – × nstallation Incomplete Dallmeier he installer was interrupted before Dallmeier Plugins for XProtect could be installed. You need to start the installer to try again. lick "Close" to exit.	
Dallmeier Plugins for XProtect – – – × nstallation Incomplete Definition Incomplete Definition Plugins for XProtect could be installed. You need to start the installer to try again. lick "Close" to exit.	

Installation is canceled, now run the SeMSy Decoder Client. Once complete, rerun the Dallmeier Plugin for XProtect installer.

If you had already run the installer, there may have been an old version of the <u>SeMSy Decoder Client</u> already installed. In this case uninstall and reboot. Run the installer again and this should resolve the issue.



<u>SeMSy Decoder Client</u> does not work via Windows Remote Desktop.

4 License

Dallmeier Integration Kit Panomera S-Series

License information can be found under <u>Basics > License Information</u> in the <u>XProtect Management</u> <u>Client</u> navigation tree.



Connected devices related to the Panomera S-Series driver will be shown here.

License Type	Activated	Changes without activation	In Grace Period	Grace Period Expired	Without License
Device Licenses	0	0 out of 0	19	0	0
Panomera S-Series	0	N/A	1	0	0

To apply for this device license to your XProtect system, contact Milestone Purchase Team (<u>purchase@milestonesys.com</u>) alternatively Dallmeier sales for further information.

Ensure your device is correctly activated and not operating in a <u>Grace Period</u>. Use Activate License Manually using Online or Offline Activation to update your XProtect license.

4.1.1 Dallmeier Plugin and Dallmeier Driver for XProtect

No license is required for these installers.

5 Configuration

6 XProtect Management Client

6.1 Add Dallmeier device



Before adding a Dallmeier device please check that ONVIF is enabled on the camera device webpage. These XProtect drivers use ONVIF profiles to interface with the camera. Without ONVIF enabled the device will fail to add to an <u>XProtect Recording Server</u>.



For Panomera, new firmware will activate ONVIF on all sub-sensors when the main sensor is activated. Older firmware requires ONVIF activation on each sub sensor.

From <u>WebConfig</u> go to Network > Network services > HTTP > Enable ONVIF Service Network > Network services > HTTPS > Enable ONVIF Service

Dalimeier	Aersion 11.1.3.13
LIVE CONFIG	
Security & data protection	
General settings	Basic settings Bandwidth limit Streaming Time server Panomera QoS SMMP MQTT Network services 802.1x Keystore
Image	
Lens control	
Video	
Time	
Network	нтр
Panomera	Enable HTTP server:
Data display	HTTP Port 80
Video content analysis	
Users & rights	
Service	нттря
Information	Enable HTTPS server:
	HTTPS Part 443
	Centrication part. CP-2 - DatimeterUM_07.04.2023 18:34103 V Enable Web.Cl II: 17
	Enable ONVErservice:
	Devid/Devid/TLS
	Enable David: 🔽
	Enable David-TLS: 🥑
	Certification path: CP-2 - DallmeierOM_07.04.2023 18:34:03 V
	DaVid alarm host (PGuard)
	Mode: None TLS (insecure) V
	Dallmeier Device Manager
	Block Dalmeier Device Manager network configuration (broadcast):
	DuVid / RTSP

Select the <u>XProtect Recording Server</u> you wish to install this device on, right click and select Add Hardware

E → AXIS	Collapse		
2	Add Hardware	Ctrl+N	
	Move Hardware		
	Delete All Hardware		
6	Change Hardware Passwor	d	
	Rename Recording Server	F2	
U	Remove Recording Server		
2	Refresh	F5	

Manual mode must be selected

Add Hardware	— —	\times
	Add Hardware	
\times	This wizard helps you detect and set up hardware.	
J-7/	Hardware detection method:	
	 Express (recommended) Automatically detects hardware on the recording server's local network 	
	 Address range scanning Scans defined network address ranges and detects hardware models 	
•	Manual Detects hardware models for manually entered IP addresses and host names	
	Remote connect hardware Add hardware connected via a remote connect server	
milestone		
Help	< Back Next > Cancel	

With the Dallmeier for XProtect Drivers installed you will have available two new camera drivers.

- Dallmeier Panomera Driver
- Dallmeier Domera Driver

Detec	cting hardware					milestone
	Address	Port	User name	Password	Hardware Driver	
P	192.168.1.148	80	admin	•	Dallmeier Panomera Driver	~ <

This makes the eight-channel Panomera device available to XProtect

New Hardware Device	Inherit	
Cameras		
0 Overview Sensor (192.168.1.148)	Panomera® S8 Ultraline 190/30 C - 0 Overview Sensor (192.168.1.148)	~
1 Module (192.168.1.149)	Panomera® S8 Ultraline 190/30 C - 1 Module (192.168.1.149)	~
2 Module (192.168.1.150)	Panomera® S8 Ultraline 190/30 C - 2 Module (192.168.1.150)	~
3 Module (192.168.1.151)	Panomera® S8 Ultraline 190/30 C - 3 Module (192.168.1.151)	~
4 Module (192.168.1.152)	Panomera® S8 Ultraline 190/30 C - 4 Module (192.168.1.152)	~
5 Module (192.168.1.153)	Panomera® S8 Ultraline 190/30 C - 5 Module (192.168.1.153)	~
6 Module (192.168.1.154)	Panomera® S8 Ultraline 190/30 C - 6 Module (192.168.1.154)	~
7 Module (192.168.1.155)	Panomera® S8 Ultraline 190/30 C - 7 Module (192.168.1.155)	~
Metadata		
Panomera Metadata	Panomera® S8 Ultraline 190/30 C - Panomera Metadata	~

Ent The	ter new hardware informatic e fields are prefilled with th	on below. ne old hardware info	ormation	L			milestone
)etec	ting hardware						
	Address		Port	User name	Password	Hardware Drive	er
P	192.168.1.126		80	admin	•	Dallmeier Single Sensor Driv	ver 🗸 🔇

This will connect Dallmeier Domera devices with relevant audio and connected outputs.

New Hardware Device	Inherit	
Cameras		
RDF6800DN-IR - Camera 1	Dallmeier Domera Driver (192.168.1.126) - RDF6800DN-IR - Camera 1	~
Microphones		
Microphone	Dallmeier Domera Driver (192.168.1.126) - Microphone	~
Metadata		
Metadata	Dallmeier Domera Driver (192.168.1.126) - Metadata	~
Output		
Output 1	Dallmeier Domera Driver (192.168.1.126) - Output 1	~
Output 2	Dallmeier Domera Driver (192.168.1.126) - Output 2	~
Output 3	Dallmeier Domera Driver (192.168.1.126) - Output 3	~
Output 4	Dallmeier Domera Driver (192.168.1.126) - Output 4	~
Output 5	Dallmeier Domera Driver (192.168.1.126) - Output 5	~
Output 6	Dallmeier Domera Driver (192.168.1.126) - Output 6	~
Output 7	Dallmeier Domera Driver (192.168.1.126) - Output 7	~
Output 8	Dallmeier Domera Driver (192.168.1.126) - Output 8	~

6.2 Dallmeier Integration Kit - Device Setup

6.2.1 Dallmeier Panomera Driver

The Dallmeier Panomera Driver device will show in the <u>XProtect Management Client</u> as a hardware device attached to an <u>XProtect Recording Server</u>.

This device has;

- 8x Video Channel
- 1x Metadata



6.2.2 Dallmeier Domera Driver

The Dallmeier Domera Driver device will show in XProtect as a hardware device attached to an <u>XProtect Recording Server</u>.

This device has;

- 1x Video Channel
- 1x Microphone Channel
- 1x Metadata
- 8x Outputs



6.2.3 Hardware Device Settings

From here you can select a Log Level (Normal, Debug, Trace). This will change how much connection data is captured from the connected devices.

Other options relate to overriding the streaming ports. This is currently only an option for Domera cameras.

iter	Dallmeier Domera Driver		
Proceeding Servers Difference Towner (122:163.1126) Proceeding Servers Difference Towner (122:163.1126) Difference Towner Towner Difference Towner (122:163.1126) Difference Towner (122:163.1126) Difference Towner Towner Difference Towner Towner Difference Towner Towner Difference Towner Towner Difference Towner Difference Towner Difference Towner Difference Towner Difference Difference Towner Difference Differenc	Contract Driver Convex Driver Convex Driver Day Lovel Day Lovel Day Lovel Day Lovel Day D	Normal Feler 554 80 40 554 555	
	General		

6.2.4 Video Device Settings

The Domera driver has settings for two streams.

MProfile1		
Bitrate	12000	
Bitrate mode	Constant	
Codec	H264	
rames per second	25	
OP size	27	
rofile (H264 only)	High	
rofile Name	MProfile 1	
esolution	3840x2160	
ransport	RTSP over HTTP	
Profile2		
itrate	11500	
itrate mode	Variable	
odec	H264	
rames per second	12.5	
OP size	50	
rofile (H264 only)	High	
rofile Name	MProfile2	
tesolution	640x480	
ransport	RTSP over HTTP	
IProfile3		
itrate	1000	
Sitrate mode	Constant	
odec	H265	
rames per second	6.25	
SOP size	24	
rofile (H264 only)	Main	
rofile Name	MProfile3	
Resolution	1920x1080	
	DTOD www.LITTD	

MProfile1 (This profile is greyed out and cannot be edited)

- Bitrate
 - A decimal value between * and * is supported
- Bitrate mode
 - o Constant
 - o Variable
- Codec
 - o H264
 - o H265
 - o JPEG
 - Frames per second
 - A decimal value between 1 and 25 is supported
- GOP size

_

- A numeric value between * and *
- Profile (H.264 only) hidden when JPEG or H.265 is selected
 - o Main
 - \circ High
- Profile Name
 - Predefined

- Resolution
 - o Dropdown box with available options
- Transport
 - RTP (UDP)
 - RTSP (TCP)
 - RTSPS (TCP with TLS)
 - $\circ \quad \text{RTSP over HTTP} \\$
 - RTSP over HTTPS

Same options available for MProfile2 and MProfile3 (Both profiles can be edited)

General	
Module Index	0
MProfile1	
Bitrate	12000
Bitrate mode	Constant
Codec	H264
Frames per second	25
GOP size	27
Profile (H264 only)	High
Profile Name	MProfile 1
Resolution	3840x2160
Transport	RTSP over HTTP
MProfile2	
Bitrate	11500
Bitrate mode	Variable
Codec	H264
Frames per second	12.5
GOP size	50
Profile (H264 only)	High
Profile Name	MProfile2
Resolution	640x480
Transport	RTSP over HTTP
MProfile3	
Bitrate	1000
Bitrate mode	Constant
Codec	H265
Frames per second	6.25
GOP size	24
Profile (H264 only)	Main
Profile Name	MProfile3
Resolution	1920x1080
Transport	RTSP over HTTP

Options available for Panomera devices

The same options are available as are for Domera and all profiles are editable. Same options available for **MProfile2 and MProfile3**

6.2.5 Video Device Event Settings

The drivers have predefined events that have been made available to each device channel. Note for most of these events require some form of onboard configuration before the event will be able to trigger into XProtect.

Add Delete			

Events shown for Domera

Advancedsecurity = KeyStatus = Keystore Configuration - AudioEncoderConfiguration Configuration - MediaService - AudioOutputConfiguration Configuration - MediaService - AudioOutputConfiguration Configuration - MediaService - VideoSourceConfiguration Configuration - VideoEncoderConfiguration Device - DigitalInput - Trigger Media - ConfigurationChanged Media - ConfigurationChanged Media - FrofileChanged Monitoring - LastReboot - OperatingTime RuleEngine - Crossed - LineDetector RuleEngine - Crossed - LineDetector - Bottom RuleEngine - Crossed - LineDetector - Right RuleEngine - Crossed - LineDetector - Top RuleEngine - Motion - MotionRegionDetector Started RuleEngine - Motion - MotionRegionDetector Stopped Publicing - Obition - MotionRegionDetector
Nulezingine - ObjectisLotering - LotteringUetector RuleEngine - ObjectsInside - FieldDetector RuleEngine - ObjectsInside - FieldDetector - Da Upper Region RuleEngine - ObjectsInside - FieldDetector - Da Upper Region VideoSource - ImagingService - GlobalSceneChange Started VideoSource - ImagingService - GlobalSceneChange Started VideoSource - ImagingService - ImageTooBlurry Started VideoSource - ImagingService - ImageTooBlurry Stopped VideoSource - ImagingService - ImageTooBlurry Stopped VideoSource - ImagingService - ImageTooBlurry Stopped VideoSource - ImagingService - ImageTooBlurty Stopped VideoSource - ImagingService - ImageTooDraft Started VideoSource - ImagingService - ImageTooDark Stopped VideoSource - ImagingService - ImageTooDark Stopped VideoSource - MotionAlarm Started
Show already added events

Events shown for Panomera

6	Configuration MediaService VideoSevreeConfiguration
2	Configuration - MediaService - VideoSourceConliguration
Z.	Configuration - MetadataConfiguration
N.	Configuration - Profile
Y.	Madia CastiausticaChanged
2	Media - ConfigurationChanged Media - DrafileChanged
7	Menitering LastRehest OperatingTime
2	PulaEngina Crassed LineDataster
2	PuleEngine - Crossed - LineDetector
2	RuleEngine - Crossed - Ellebelector - 1
2	PuleEngine - Motion - CerimotionDetector
2	RuleEngine - Motion - MotionRegionDetector Stanted
2	RuleEngine - Objectiel optering - LotteringDetector
1	RuleEngine - ObjectisEorioning - EorioningDetector
ł.	RuleEngine - ObjectsInside - FieldDetector - 1
Ì.	VideoSource - ImagingService - GlobalSceneChange Started
į.	VideoSource - ImagingService - GlobalSceneChange Stoppe
į.	VideoSource - ImagingService - ImageTooBlurry Started
į.	VideoSource - ImagingService - ImageTooBlurry Stopped
i.	VideoSource - ImagingService - ImageTooBright Started
÷.	VideoSource - ImagingService - ImageTooBright Stopped
Ś	VideoSource - ImagingService - ImageTooDark Started
Ś	VideoSource - ImagingService - ImageTooDark Stopped
Ś	VideoSource - MotionAlarm Started
6	VideoSource - MotionAlarm Stopped

6.2.6 Dallmeier Web Plugin

To allow easier access to the Dallmeier device web page a new tab has been added to the video channel settings of the <u>XProtect Management Client</u>. Device settings can now be changed within the webpage without needing to leave the <u>XProtect Management Client</u> application.

For Panomera each of the 8 video channels link to the main overview sensor as this is used for device management. When a sub-sensor is selected, the webpage will open to the related sub sensors webpage on the Main sensors' webpage.

Forward http://192.168.1.126/ autsch English DDDallmeier DF6800DN-IR Domera® OS 14.0.2.11		Go Re	fresh Zoom In Zoom Ou	it 100%	
		Ē)OMER/	A®OS RPoD	
LIVE CONFIG				192.168.1.126 (a	dmin) LOGOUT
Security & data protection	Security &	data protection			
General settings	Security	Data protection			
Image					
Lens control (RPoD)	Gen	eral			
Video		Dallmeier Device Manager n	etwork configuration (broadc	ast) enabled 🛛 🖋	
Audio		Encrypted credentials not re	quired	ø	
Time		HTTP JPEG access without	credentials disabled	ø	
Network		RTSP access without creder	ntials disabled	ø	
Interfaces		At least one user has no stro	ong password	ø	
	Serv	ices			
		HTTP enabled	1		
Event management		RTSP enabled	1		
Data display		David enabled	1		
EdgeAnalytics & Al Apps		Onvif over HTTP enabled	1		
Lleore 9 rights					

6.2.7 Microphone Device Settings

Only the Domera camera includes a microphone.

	Ilmaiar Domara Drivar	-	
			4
~	Main Profile		
	Profile Name	Main Profile	
	Transport	ТСР	1
~	Secondary Profile		11
	Profile Name	Secondary Profile	1
	Transport	TCP	1
			,
	0.0		
0	Info 🚰 Settings 🥚 Record		

Main Profile

- Profile Name
 - Predefined by the Profile type
- Transport
 - RTP (UDP)
 - RTSP (TCP)
 - RTSPS (TCP with TLS)
 - RTSP over HTTP
 - o RTSP over HTTPS

Same options available for **Secondary Profile**

6.2.8 Metadata Device Settings

This is available for both Panomera and Domera devices.

roperties		▼ ₽
Y Panomera Metadata		^
Valid time (seconds)	5	
		v.
🚹 Info 🚜 Settings 🥥 Record		
1) Info 🆓 Settings 🧧 Record		

<<u>Device> Metadata</u>

- Valid time (seconds)
 - $\circ~$ A numeric value between 1 and 3600 $\,$

6.2.9 Output Device Settings

Only available for Domera device; Outputs 1- 8.

1
2
3
4
5
6
7
8

No settings are available for this device.



Outputs do not operate in this initial release. There will be an update in a future version of this plugin.

7 Setup of Panomera S-Series Plugin

This section is required to operate Panomera devices in XProtect. This must be completed before devices can be configured with the Dallmeier plugins in the <u>XProtect Smart Client</u>.

7.1.1 Add Panomera camera modules to the Panomera S-Series plugin

- Open <u>XProtect Management Client</u> > Site Navigation > MIP Plug-ins > Panomera S-Series > Configuration.
- 2. Click Add in section Main cameras. A popup window Cameras is opened containing all available Panomera camera modules

Milestone XProtect Management Client 202	3 R1			-		\times
File View Action Maintenance Tools Help						
🗆 🗤 🕢 🌨 AA						
Cite Manifestice	Contauration					
	Main enmorree		Main enmore configuration			• 4
E MIP-CORP - (23.1a)	- Main Cameras		- Main camera configuration			
Basics			Main camera credentials			
Remote Connect Services			Username:			
Devices			Password:			
Devices						
Citent End Events			Secondary cameras			
E C Security						
System Dashboard						
Server Logs						
🕀 🅎 Metadata Use						
Access Control						
E [] Incidents						
🗄 🗒 Transact						
Dallmeier Plugins						
ORBNET Plugins						
🕀 😏 videosoft						
🕀 🧏 Alarms						
😑 👬 MIP Plug-ins						
Panomera S-Series						
Configuration				Add	Domain	
	-	Add Remove		Add	Remov	2
Site Navigation Federated Site Hierarchy						
					_	

3. Select the Panomera camera main module and click OK (double click on the item performs the same action). The main module appears in the section Main cameras.

Cameras	-		\times
Panomera® S8 Ultraline 190/30 C - 0 Overview Sensor (192.168.1.148)			
Panomera® S8 Ultraline 190/30 C - 1 Module (192.168.1.149)			
Panomera® S8 Ultraline 190/30 C - 2 Module (192.168.1.150)			
Panomera® \$8 Ultraline 190/30 C - 3 Module (192.168.1.151)			
Panomera® S8 Ultraline 190/30 C - 4 Module (192.168.1.152)			
Panomera® S8 Ultraline 190/30 C - 5 Module (192.168.1.153)			
Panomera® S8 Ultraline 190/30 C - 6 Module (192.168.1.154)			
Panomera ® S8 Ultraline 190/30 C - 7 Module (192.168.1.155)			
	ОК	Car	cel

 Click on the Panomera camera main module. Notice that the Main camera credentials (Username and Password fields) are now accessible. Insert the valid access credentials for the Panomera main module.

ain cameras	Main camera configuration
allineier electronic GmbH & Co KG Panomera ^{~~} S8 Ultraline 184/45 C (ip01) - Camera 1	Main camera credentials Username: Password: Secondary cameras
Add Remove	Add Remove

5. Click Add in section Secondary cameras. A popup window Cameras is opened containing all available Panomera camera modules.

Select the modules based on your requirements and click OK (double click on the item performs the same action). The secondary cameras section is now filled with the selection of sub-modules.

ain camera contiguration	
Main camera credentials	
Username:	
Password:	
Secondary cameras	
Panomera® S8 Ultraline 190/30 C - 1 Module (192.168.1.149)	
Panomera® S8 Ultraline 190/30 C - 2 Module (192.168.1.150)	
Panomera® S8 Ultraline 190/30 C - 3 Module (192.168.1.151)	
Cameras	- 🗆 X
New YORK AND STORES	^
DHGHU, HHCOHHCOX B	
Panomera® S8 Ultraline 190/30 C - 0 Overview Sensor (192.168.1.148)	
Panomera® S8 Ultraline 190/30 C - 1 Module (192.168.1.149)	
Panomera® \$8 Ultraline 190/30 C - 2 Module (192.168.1.150)	
Panomera® \$8 Ultraline 190/30 C - 3 Module (192.168.1.151)	
Panomera® S8 Ultraline 190/30 C - 4 Module (192.168.1.152)	
Panomera © S8 Ultraline 190/30 C - 5 Module (192.168.1.153)	
Panomera © S8 Ultraline 190/30 C - 6 Module (192.168.1.154)	
Panomera® S8 Ultraline 190/30 C - 7 Module (192.168.1.155)	
S Gen Amer X	
	~
	OK Cancel

6. Click Save in the main <u>XProtect Management Client</u> toolbar to save the configuration.

ingulauon	
ain cameras	Main camera configuration
Jallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C (ip01) - Camera 1	Main camera credentials Username: Password: Dallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C Module (p02) - Camera 1 Dallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C Module (p03) - Camera 1 Dallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C Module (p04) - Camera 1 Dallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C Module (p04) - Camera 1 Dallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C Module (p06) - Camera 1 Dallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C Module (p06) - Camera 1 Dallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C Module (p06) - Camera 1 Dallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C Module (p08) - Camera 1 Dallmeier electronic GmbH & Co.KG Panomera ^{~~} S8 Ultraline 184/45 C Module (p08) - Camera 1
Add Remov	e Add Remove

7.2 Alarm definitions

<u>Alarm Definitions</u> shown in the <u>XProtect Management Client</u> can be created with Dallmeier events. Access all available Dallmeier triggering events from <u>Device Events</u>. Ensure the event has been added to the relevant video channel event configuration and setup in the device.

m Definitions 👻	Alarm Definition Information		-
Alarm Definitions	Alarm definition		
BG AC Fail	Enable:		
- BG BatteryMissing	Name:	Alarm Definition	
BG Intrusion Alarm Area BG Intrusion Alarm Point BG Panel Disconnected	Instructions:		< >
- BG Point Alarm - B CAmera Disconnected	Trigger		
- B DM - Line Crossed Bottom	Triggering event:	Device Events	~
		DallmeierConfiguration-AudioEncoderConfiguration	~
	Sources:	DallmeierConfiguration-AudioEncoderConfiguration DallmeierConfiguration-MediaService-AudioOutputConfiguration	^
	Activation period	DallmeierConfiguration-Media Service-Audio SourceConfiguration DallmeierConfiguration-Media Service-Video SourceConfiguration	
	Time profile:	DallmeierConfiguration-MetadataConfiguration DallmeierConfiguration-Profile DallmeierConfiguration 2720 ceffice mation	
	O Event based:	DaimeierConfiguration-Y L2.configuration DailmeierConfiguration-VideoEncoderConfiguration DailmeierDevice-Digitalinput-Trigger DailmeierMedia-ConfigurationChanged DailmeierMedia-SerelaChanged	
	Man	DalmeierMonitoring-Last Reboot-OperatingTime	
	Alam manager view:	Dalmeier PT2Controller-Configuration - PT2Preasts Dalmeier PT2Controller-Configuration - PT2Preast Tours DalmeierRuleEngine-Motion-Cell Motion Detector DalmeierRuleEngine-Motion-Cell Motion Detector Started DalmeierRuleEngine-Motion-Motion Region Detector Stopped	
	Related map:	DallmeierRuleEngine-ObjectIsLoitering-LoiteringDetector DallmeierRuleEngine-ObjectsInside-FieldDetector	_
	Operator action required	Dalmeiervideosource-imaging Service-Global SceneChange Started DalmeierVideo Source-Imaging Service-Global SceneChange Stopped DalmeierVideo Source-Imaging Service-Image Too Blum (Started	
	Events triggered:	Dalimeter Video Source-Imaging Service-Image TooBlum; Statzed Dalimeter Video Source-Imaging Service-Image TooBlum; Statzed Dalimeter Video Source-Imaging Service-Image TooBlum; Stapped Dalimeter Video Source-Imaging Service-Image TooBlight; Stapped	
	Other	DallmeierVideo Source-Imaging Service-Image Too Dark Started DallmeierVideo Source-Imaging Service-Image Too Dark Stopped	
	Related cameras:	DallmeierVideoSource-MotionAlarmStarted DallmeierVideoSource-MotionAlarmStopped	~
	Initial alarm owner:		~
	Initial alarm priority:	1: High	~
	Alarm category:		~
	Events triggered by alarm:		Select
	Auto-close alarm:		
	Alarm assignable to Administrators:		

Select the relevant video source from the **Sources** list. More than one video source can be selected if required.

Triggering event:	Device Events	~
	DallmeierConfiguration-Audio EncoderConfiguration	~
Sources:	Dallmeier Domera Driver (192.168.1.126) - RDF6800DN-IR - Camera 1	Select

7.3 Dallmeier Integration Kit Events in XProtect Rules and Events

To access the Dallmeier Driver events in XProtect select the **Rules and Events** > **Rules** section in the <u>XProtect Management Client</u> and then right click in the center column to **Add new rule**.

- 1. Perform and action on <event>
- 2. Find Devices > Configurable Events
- 3. Find Dallmeier named events in this list

ame: escription: ctive:	New Rule 001		
Edit the rule to the rule destination of t	Step 1: Type of the second sec	Select an Event Pallmeier Advancedsecurity - KeyStatus - Keystore Dallmeier Configuration - AudioEncoderConfiguration Dallmeier Configuration - MediaService - AudioOutput Dallmeier Configuration - MediaService - AudioSource Dallmeier Configuration - MediaService - VideoSource Dallmeier Configuration - MediaService - VideoSource Dallmeier Configuration - MediaService - VideoSource Dallmeier Configuration - Profile Dallmeier Configuration - PrZConfiguration Dallmeier Configuration - VideoEncoderConfiguration Dallmeier Configuration - VideoEncoderConfiguration Dallmeier Media - ConfigurationChanged Dallmeier Media - ProfileChanged Dallmeier PtZController - Aborted - PTZPresets Dallmeier RuleEngine - Motion - Vettor Dallmeier RuleEngine - Motion - MotionRegionDetector Dallmeier RuleEngine - Motion - MotionRegionDetector Dallmeier VideoSource - ImagingService - GlobalScen Dallmeier VideoSource - ImagingService - GlobalScen Dallmeir VideoSource - ImagingService - ImageTooB Dallmeir VideoSource - ImagingService - ImageTooB Dallmeir VideoSource - ImagingService - ImageTooB Dallmeir VideoSource - ImagingService - ImageTooB	×
		Dallmeier VideoSource - ImagingService - Image 1 00D Dellmeier VideoSource - ImagingService - ImageTooD Dellmeier VideoSource - MotionAlarm Started Dallmeier VideoSource - MotionAlarm Stopped	~

8 User Setup Guide

9 XProtect Smart Client

9.1 Dallmeier plugins explained

So, to prove all plugin installers have installed correctly and are running, first check for two running processes.

Open Task Manager and find;

- SeMSy Decoder Client
- PAppLauncherGui.exe

~	Task Manager	Q Type a name, pu	blisher, or PIC	to se		-		×
≡	Processes		Po Run new t	ask 🖉	End task 🦻	5 Efficiency	mode	
▮₽	^		32%	68%	1%	2%		
	Name	Status	CPU	Memory	Disk	Network		
2	Apps (8)							1
Ð	see SemSy Decoder Client		0%	4.9 MB	0 MB/s	0 Mbps		
~yr	> PAppLauncherGui.exe		0%	4.0 MB	0 MB/s	0 Mbps		
0.	🗵 🍇 Missarata Thoma (8)		0%;	497.2 MB	10 \$160/s	is integra		
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	E 🔄 Teamitiener		0%	82.7 649	0.1346/5	0 Mage		
	Background processes (10	(8)						
£3	> 🛞 Antintahanara Seculta Execu	taile .	1956	176.2 646	01896	a Mope		

Both applications show in the Windows taskbar. **[SDC]** for the SeMSy Decoder Client and **[PAL]** for the Papp Launcher applications.



By right clicking the **[PAL]** icon you can access the Papp Launcher interface, click **Control**. This allows control of the SeMSy Decoder Client service. For the <u>XProtect Smart Client</u> plugin to work correctly this should be running.

PAppLauncherGUI			-		×
SeMSy Decoder Client	► Started		0 ¥		
_	_	_	_	-	-

9.1.1 Dallmeier SeMSy Decoder Client

The <u>SeMSy Decoder Client</u> is used to display Dallmeier Panomera video in a single video tile. This switches between camera sensors when zooming in and out of the video image.

SeMSy Decoder Client does not work via Windows Remote Desktop.

9.1.2 PApp Laucher

The <u>PApp Launcher</u> appliance is used to ensure the Dallmeier <u>SeMSy Decoder Client</u> stays running on the <u>XProtect Smart Client</u> machine.

9.2 Dallmeier plugins setup

- 1. From the <u>XProtect Smart Client</u> enter **Setup** mode.
- 2. Create a new View Group and View Layout if required.
- 3. Under **System overview > Dallmeier Plugins > SeMSy Decoder** Click and drag this into an empty tile.
- 4. Initially this tile will show **"No camera selected"**, in the left-hand pane scroll down below <u>System overview</u> and <u>Overlay buttons</u>.





<u>SeMSy Decoder Client</u> does not work via Windows Remote Desktop.

- 5. Under the <u>Properties</u> dialogue use **"Select device..."** an Item Picker will show.
- 6. Select a Dallmeier Panomera device, use the main / overview sensor for this.

Milestone XProtect Smart Client	
Views Exports Search	n 🛛 Alarm Manager 😰 Incidents 🔤 i-PRO Active Guard Plugin 🔤 System Monitor 👘 9:44:15 PM 🌇 🤧 🗄
KProtect	K New View (1 x 1) 🔹 🖏 👘 🖓 🔛 🖉
Control page Control page	No camera selected Please go to Setup mode and select a device in the side properties panel. To select this view tile, hover over the thin toolbar at the bottom of this panel and click on it and the border will become blue. If this panel was working before, the selected device may have been disabled in the Management Client. If the panel was working before, the selected device may have been disabled in the Management Client. If the panel was working before, the selected device may have been disabled in the Management Client. If the panel was working before, the selected device may have been disabled in the Management Client. If the meter of the selected device may have been disabled in the Management Client. If the meter of the selected device may have been disabled in the Management Client. If the meter of the selected device may have been disabled in the Management Client. If the meter of the selected device may have been disabled in the Management Client. If the meter of the selected device may have been disabled in the Management Client. If the meter of the selected device may have been disabled in the Management Client. If the meter of the selected device may have been disabled in the Management Client. If the meter of the selected device may have been disabled in the Management Client. If the meter of the selected device may have been disabled in the Management Client. If the selected device may have been disabled in the Management Client. If the selected device may have been disabled in the Management device device may have been disabled in the device device may have been disabled in the device d
Show Rectangles	Group Herarchy Cancel
Save and apply	• •

7. The selected Dallmeier Panomera overview sensor from the Item Picker. This will now display the camera stream via the SeMSy Decoder Client in this window, even while still in Setup mode.



9.2.1 Plugin Properties

Properties	^
Select device	
Split Mode	
Single split	-
Viewing/Pan Mode	
3 (Show Details - Auto)	-
Mute	
Analytics	
Show Classification	
Show Trajectories	
Show Rectangles	

Select Device – This allows for the Dallmeier device to be added or updated for the selected tile.

Split mode – This allows for the window to be split layouts. Single and Main view with sub views. <u>Options</u>;

- Single split
- 1 big, 3 small (on the right)
- 1 big, 2 small (on the right)
- 1 big, 2 small (on the bottom)

Mute – When ticked, camera audio will be prevented from playing

Analytics – For devices with support and a setup analytic module within the Dallmeier device. <u>Options</u>;

- Show Classification
- Show Trajectories
- Show Rectangles

Save and apply – When making any changes this must be clicked to apply a setting change.

Below is an example of the split layout <u>1 Big, 3 Small.</u>

From the main overview, click the center rollerball within the image to open the relevant area closeup sensor on one of the other display windows.



9.3 Dallmeier plugins operation

- 1. Exit Setup mode. Ensure you are in the <u>XProtect Smart Client</u> Views tab with Live selected or Live tab depending on the <u>XProtect Smart Client</u> version.
- 2. With the mouse over the video image use the mouse scroll wheel to zoom into the image. Once past 50% the displayed image sensor will be updated to the secondary detailed view for this area.



Views Exports Search	Alarm Manager	lncidents	i-PRO Active Guard Plugin	System Monitor 9:4	9:04 PM	* •
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🖃 lmage	A CONTRACTOR					×
UR Map	and the second					
	Stan and the state					
Panomera S-Series						
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A Camera						
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Device						
Properties A						
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e / Split Number						
100 - 11 - 11 - 11 - 11 - 11 - 11 - 11						
ewing/Pan Mode						
(Combined Panomera) *						
Mute						
Show Rectangles						-

3. In the bottom right corner of the video stream an overview image is shown with the currently view location highlighted in yellow.



4. The highlighted yellow section can be clicked and dragged around the overview; this updates the area of current view to the new location as moved.

9.4 Dallmeier Integration Kit - Playback Mode



Accessing playback in the <u>XProtect Smart Client</u> has transitioned as of version 2023 R1. This application has been tested with both 2023 R1 and 2022 R3 interfaces.



The recommended view layout for Playback is a 4Way or 9Way tile layout. The blank tiles get used alongside the Panomera S Series plugin by Milestone in playback mode.

- 1. First select Playback from your <u>XProtect Smart Client</u>
- 2. The window will update as below to display the below options.
- View Live Independently
 - This takes you back to the SeMSy Decoder view, this view does not support playback
- Open Panomera S Series plugin by Milestone
 - This changes the tile to the S Series Plugin that has support for playback
- 3. Click and select Open Panomera S Series plugin by Milestone

Milestone XProtect Smart Client		- 🗆 X
Views Exports Search	Streaming Engine Alarm Manager Incidents System Monitor	12:56:39 PM 🌇 🦂 🗄
XProtect «	New View (2 x 2) * 🐯	Export 👻 Evidence lock 🛩 🔯 🍹 Setup 📝
Iffice Views Search views and cameras Q Image: Private	Panomera® S8 Ultraline 190/30 C (192.168.1.148) - 0 Overview Sensor (192.168.1.148)	
 New Group Mobotix New View (1 + 2) 	SeMSy Decoder Client is not available for playback. Please open the camera in a normal Milestone view tile.	
New View (2 x 2) Cameras	View Live Independantly	
A DEVCORP2021R2	Open Panomera S Series Plugin by Milesto	
Audio Microphones Listen to Seeket microphone > V Seekets Listen to Seekers Listen to Seekers Listen to Seekers Microphone > V Microphone Microphone V	milestone	
Lock to selected audio devices		
	12.00 PM 12.10 PM 12.20 PM 12.	120 PM 130 PM 140 PM 150 PM
		+) 1b1
	PLAYBACK LIVE	

4. The tile will now display a stream with seven blue boxes. This makes up the seven far sensors and the stream displayed is the overview.



5. It is now possible to playback, but the Timeline will not show recordings or export.



6. Left click and hold with your mouse on the inside of a blue square and drag into a spare blank tile. The tile will update with the relevant area sub sensor. The Timeline will update and show recordings where available.



10 Known Limitations

10.1.1 Adaptive Streaming.

Not currently implemented in the SDK driver framework.

10.1.2 Remote Retrieval

Planned for the next release of this XProtect Integration Kit.

11 Troubleshooting

11.1.1 XProtect Event Server Installation

If XProtect was installed via a custom installation, the <u>XProtect Event Server</u> may not have been included, as it is not always required.

From the server/machine with the <u>XProtect Management Service</u> navigate to <u>http://localhost/installation/admin/default-en-US.htm</u>

This will show a XProtect installation page where you will be able to run the installer for the <u>XProtect</u> <u>Event Server</u>. This must be installed so the plugin can communicate with <u>Milestone XProtect</u>.



11.1.2 No Video shown – SeMSy Decoder Client Started

When the message **<u>SeMSy Decoder Client Started!</u>** Does not disappear after 20 seconds.



- 1. Check if the <u>SeMSy Decoder Client</u> is installed. Check the installation steps for the <u>XProtect</u> <u>Smart Client</u> plugins <u>here</u> or check <u>SeMSy Decoder Client – Not Found</u>.
- 2. Check that the <u>SeMSy Decoder Client</u> is running, follow the instructions <u>here</u>.