

Infinova 2217 VMS - Camera Wiper and Washer Control

Introduction

This document explains the configuration for camera features – wiper and washer control from Infinova 2217 VMS software.

Note – The wiper and washer are camera specific features, hence are not applicable to all cameras added to Infinova 2217 VMS software for monitoring.

Please confirm the camera support for required feature – wiper and washer; before starting the configuration for these features in the Infinova 2217 VMS software.



Camera wiper control

1. Add the camera to Infinova 2217 VMS server software

2. In Infinova 2217 VMS server software, please access the camera details page – 'Video devices -> Channels -> <camera name>'

192.168.0.245	Video devices - Ch	Video devices Channels Cam3457			
245_Machine	Channel Name	Cam3457			
Video devices	<u>^</u>				
Channels	Parameter Nam	ie Paramete	r Value		
	Channel ID Channel Dagari	VC_Cam3	457		
Testio	Video Course T	ption Cam345/	D Comero T Corios		
Test2	Display Resolut	/pe Ininova I	1280v060 pixels		
Cam034	Display Resolut	Jon (Stre 352X288/	1280x960 pixels		
Cam2457	Recording Keso	Gantinuon 352x288	pixels	= =	
Calif3437	Manual Record	ing State Off	15	V flip video	
Sequences	Recording Drive			Show analytics status	
Stream Profiles	E Video Paramet			Motion detection off	
Audio devices	- IP address	192,168.	.128		
D	- User name	admin		Camera P12	
Device groups	- Connection M	ode Unicast		Cond pudie to eporers	
Alarm groups	- Audio support	t No		Send audio to camera	
Status	- Lens	Normal le	ns	Track DT7 position	
Reports and Export				Supports wiper	
Communication	-GPS co-ordinat	es ordinator		Supports neat	
Security devices	Labibudau	-ordinates		Supports light	
Keyboards and Joysticks	Lautude:	u		Supports SD Card	
Users and Privilenes	Longitude:	0		- Supports SD Card	
users and rivileges	000		0		
Alarm management	🖉 💽 💽				
Data management					

3. Enable the check-box, 'Supports wiper'

4. Click on the 'Advanced Camera Features...' button. This will pop up the 'Advanced Camera Features' dialog box



192.168.0.245	Video devices - Channels - Car	m3457	
245_Machine	Channel Name Cam3457		
Video devices			
Channels	Channel ID	VC_Cam3457	
Test10	Channel Description	Cam3457	
Test2	Vide 😁 Advanced	I Camera Features	
Cam034	Rec		
Cam3457	Rect Wiper:		=
Sequences	Man		Y flip video
Stream Profiles	E Vide Heat:		Motion detection off
Audio devices	- IP Light:		Camera PTZ
Device groups	- Us		
Alarm groups	- Co - Au		Send audio to camera
Status	- Le Camera setting	is: 🔊	Track PTZ position
Reports and Export			Supports wiper
Communication			Supports heat
Security devices	Latitude: 0		Supports light
Keyboards and Joysticks	Longitude:		Supports SD Card
Jsers and Privileges			
Alarm management			
Data management			
Romoto hackun			

5. The 'Activate Wiper' and 'Wiper Off' buttons can be used to test the wiper function.

Note – similar GUI will be available in Infinova 2217 VMS client software, if the VMS user logged in through the Infinova 2217 VMS client software has the required privileges.



Camera washer control

1. Washer control is processed through 'camera digital IO Out port', hence we need to configure 'Camera digital IO Out port' to control washer.

2. Add the camera to Infinova 2217 VMS server software

3. In Infinova 2217 VMS server software, please access the camera details page – 'Video devices -> Channels -> <camera name>'

4. Click on the 'Configure Camera I/O' button which will display the sub-menus. Click on the 'Configure alarms and I/O...' sub-menu.

192.168.0.245		Video devices - Channels - Cam3457			
245_Machine	$\overline{\mathbb{O}}$	Channel Name Cam2457		à	
Video devices	<u>^</u>	Charine Hane Cantory		,	
Channels		Parameter Name	Parameter Value	^	
		Channel ID	VC_Cam3457	_	
lest10	_	Channel Description	Cam3457	_	
Test2		Video Source Type	Infinova IP Camera I Series		
Cam034		Display Resolution (Stre	352x288/1280x960 pixels		
Cam3457	- 8	Recording Mode	Continuous	=	
Convenees	- 8	Manual Recording State	Off		✓ Y flip video
Sequences	_	Recording Drive	E:\		Show analytics status
Stream Profiles	=	Video Parameters -			Motion detection off
Audio devices		- IP address	192.168.1.128		Z Camera PTZ
Device groups		- User name	admin	_	Camera PT2
Alarm groups		- Connection Mode	Unicast	_	🔲 Send audio to camera
Alarin groups		- Audio support	No		
Status		- Lens	Normal lens	~	Track PTZ position
Reports and Export		CDC co ordinatos		14. 15.	 Supports wiper
Communication		Use GPS co-ordinates		- C	Supports heat
Security devices		Latitude:			Supports light
Keyboards and Joysticks		Longitude:	Ø 🕲		Supports SD Card
Users and Privileges		0			
Alarm management		🔊 💽 💽 🚳 🤇			
Data management			Configu	re alarms an	d I/O
Remote backup			Configu	re wash wipe	E FV
A COMPANY OF A COM					

5. This will pop up the 'Configure alarms and I/O' dialog box



192.168.0.245	Video devices - Channels - Cam3457	
245_Machine	Channel Name Cam 3457	
Video devices	Configure alarms and I/O	
Channels		
Test10	Input / Alarms	
Test2	Camera i/O Ini	
Cam034	Camera I/O In2	
Cam3457	🗌 Video Masking/ Scene Change	=
Sequences		✓ Y flip video ✓ Show analytics status
Stream Profiles	U	Motion detection off
Audio devices	Outputs	✓ Camera PTZ
Device groups		
Alarm groups	Enable camera 10 out1	Send audio to camera
Status	Name: Washer	Track PTZ position
Reports and Export	Default state: Normal 🗸	Supports wiper
Communication		Supports heat
Security devices		Supports aux focus
Keyboards and Joysticks		🗖 💭 Deports SD Card 🕢 🕢
Users and Privileges	(2) (2)	
Alarm management		🚱 🔗 😪 🚱 🚱
Data management		
Remote backup		

6. Under 'Outputs', enable check-box 'Enable camera IO Out 1'

Specify 'Name' as 'Washer'.

Select default state as 'Normal / Opposite', as per the set up of the washer device connection with the camera

Click on the 'Information' button to view the list of one time camera settings required. Please access camera from web browser and configure these listed settings.

Click on the 'Save' button to save the changes and to close the 'Configure alarms and I/O' dialog box

7. Click on the 'Advanced Camera Features...' button. This will pop up the 'Advanced Camera Features' dialog box



192.168.0.245	\bigcirc	Video device	s – Channels	- Cam3457			
245_Machine	\bigcirc	Channel N	ame Cam2/				
Video devices	<u>^</u>	Description	Cante Cantos	December 1			
Channels		Character	er Name	Parameter V	alue	<u>^</u>	
Test10		Cha \varTheta	Adv	anced Camera Featu	ires	×	
Test2		Vide				1	
Cam034		Disp	Wiper:				
Cam3457		Rec			8	=	
Sequences		Man	Heat:	U			✓ Y flip video
Stream Profiles	_	Rect	Light:				Mation detection off
Audio devices		- IP	Light	C	U		Camera PT7
Device groups		- Us					Camera P 12
Alarm groups		- Co	Camera se	ttings:			Send audio to camera
Status		- Le	contero se		•		Track PT7 position
Reports and Export			6	6			Supports wiper
Communication		GPS	Washer:				Supports heat
Security devices				D	2		Supports light
Keyboards and Joysticks		Long	titude:		D 🕲		Supports SD Card
Users and Privileges		Long	(M)				
Alarm management							
Data management						U	
Remote backup							

8. The 'On' and 'Off' buttons next to 'Washer' can be used to test the washer control

Note – similar GUI will be available in Infinova 2217 VMS client software, if the VMS user logged in through the Infinova 2217 VMS client software has the required privileges.



Camera wash-wipe control

1. Add the camera to Infinova 2217 VMS server software

2. In Infinova 2217 VMS server software, please access the camera details page – 'Video devices -> Channels -> <camera name>'

192.168.0.245	Video devices – Channels – Cam3457			
245_Machine	Channel Name Cam3457			
Video devices 🛛 🗠				
Channels	Chappel ID	Parameter value	<u>^</u>	
Tostia	Channel Description	Com3457		
lescio	Video Source Type	Infinova IP Camera T Series		
Test2	Display Resolution (Stre	352x288/1280x960 pixels		
Cam034	Recording Resolution	352x288 pixels		
Cam3457	Recording Mode	Continuous	=	
Sequences	Manual Recording State	Off	~	Y flip video
Dequences	Recording Drive	E:\	~	Show analytics status
Stream Profiles	Video Parameters -		N	lotion detection off 🗸 🗸
Audio devices	- IP address	192.168.1.128	-	Camera PTZ
Device groups	- User name	admin	_	
Alarm groups	- Connection Mode	Unicast		Send audio to camera
marin groups	- Audio support	No	_	
Status	- Lens	Normal lens	× /	Track DTZ position
Reports and Export	CDC co ordinatos			Supports wiper
Communication	Use GPS co-ordinates			Supports reat
Security devices	Latitude: 0			Supports aux focus
Keyboards and Joysticks	Longitude:			Supports SD Card
Users and Privileges				
Alarm management	🔊 💽 💽 🚳 🤅			
Data management				

3. Enable the check-box, 'Supports wiper'

4. Click on the 'Configure Camera I/O' button which will display the sub-menus. Click on the 'Configure wash wipe...' sub-menu.



192.168.0.245		Video devices → Channels → Ca	am3457		
245_Machine	\bigcirc	Channel Name		3	
Video devices	~	Contract Contractory		-	
Channels		Parameter Name	Parameter Value	^	
Testin		Channel ID	VC_Cam3457	_	
TestIO		Channel Description	Cam3457	_	
Test2		Video Source Type	Infinova IP Camera T Series	_	E La Martin
Cam034		Display Resolution (Stre	352x288/1280x960 pixels	_	
Com2457		Recording Resolution	352x288 pixels	=	
Cam3437		Manual Recording State	off	_	V flip video
Sequences		Manual Recording State	Off Ex)	_	Show analytics status
Stream Profiles	=	Video Parameters -	E.1		Matian datasticn off
Audio devices		- IP address	192,168,1,128		
Device groups		- User name	admin		Camera P12
Almen annun		- Connection Mode	Unicast		Send audio to camera
Alarm groups		- Audio support	No		
Status		- Lens	Normal lens	~	Track PTZ position
Reports and Export		CDC as andinates	10000 00 00 00 00 00 00 00 00 00 00 00 0		Supports wiper
Communication		Use GPS co-ordinates			Supports heat
Security devices		Latitude: 0			Supports light
Keyboards and Joysticks		Longitude:			Supports SD Card
Users and Privileges					U.S. C.S. C.S. C.S. C.S. C.S. C.S. C.S.
Alarm management		🕜 💽 💽 🚳 🤅			🙉 🙉 🚱 🙆
Data management			Configu	re alarms ar	nd I/O
Remote backup			Configu	re wash wip	e
Taalaa			1. A.		NS

5. This will pop up the 'Configure Wash Wipe' dialog box

192.168.0.245	Video devices - Channels - Cam3457	
245_Machine		Trade and
Video devices		
Channels	Parameter Name Parameter Value Configure Wash Wipe	×
Test10		The second se
Test2	T Eachla weak wine	Statement of Concession, Name
Cam034	enable wash wipe	
Cam3457	Wash linked to: Camera IO out1 V	
Sequences	Wash off state: Normal 🗸	 Y flip video Show analytics status
Stream Profiles	= 0 compton dometican 30 corondo	Motion detection off
Audio devices	Operation duaration:	Camera PTZ
Device groups	Move to preset	
Alarm groups	Before wash wipe: Preset1 v	Send audio to camera
Status		Track PTZ position
Reports and Export		Supports wiper
Communication	0 0	Supports light
Security devices		Supports aux focus
Keyboards and Joysticks	Longitude: 0	🗌 🗌 Supports SD Card 🛛 👔
Users and Privileges		
Alarm management) 🔗 🐼 🔂 🖬 🥥 🗌
Data management		
Remote backup		
Tasks		

6. Enable check-box 'Enable wash wipe'

Select the target 'Camera IO Out port' for 'Washer linked to'.

Select 'Wash off state' as 'Normal / Opposite', as per the set up of the washer device connection with the camera output port

Infinova 2217 VMS - Camera Wiper and Washer Control



Specify washer 'Operation duration' in XX seconds. Once initiated, the wash-wipe operation will stop automatically after this specified duration

Enable check-box 'Move to preset' and select target preset from the list of presets. Before wash-wipe operation is started, the camera will move to this preset.

Click on the 'Ok' button to save the changes and to close the 'Configure Wash Wipe' dialog box.

7. Click on the 'Advanced Camera Features...' button. This will pop up the 'Advanced Camera Features' dialog box

192.168.0.245	Video devices – Channels – Cam3457
245_Machine	Channel Name Cam2457
Video devices	
Channels	Parameter Name Parameter Value ^
Test10	Cha 😝 Advanced Camera Features
Test2	Vide
Cam034	Beck Wiper:
Cam3457	Rect
Sequences	Man Heat: U U U Fip video
Stream Profiles	Vide Light:
Audio devices	- IP
Device groups	- Us Wash-wipe:
Alarm groups	- Co
Status	-Le
Reports and Export	Supports wiper
Communication	Supports heat
Security devices	Supports light
Keyboards and Joysticks	Longitude: 👘 🧭 🐨 🗍 Supports SD Card 🕜
Users and Privileges	
Alarm management	
Data management	
Remote backup	
Tasks	

8. The 'Wash-wipe' 'Activate' and 'Abort' buttons can be used to test the wash-wipe function.

Note – similar GUI will be available in Infinova 2217 VMS client software, if the VMS user logged in through the Infinova 2217 VMS client software has the required privileges.