Multimedia Record Function



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OVERVIEW

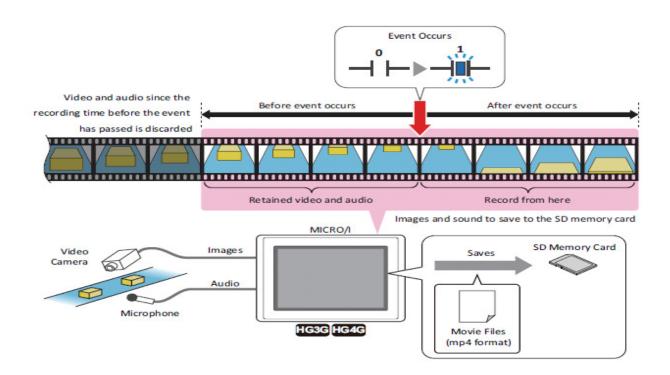
Record video images and audio using either of the following method:

• Use a REC (Record) Button / Command

- o Maximum recording time is 30 seconds
- No settings / configuration required in WindOI-NV2 software.
 - Simply create a REC / Stop button or command to trigger the recording process.

• Use Event Recording

- Event Recording can be triggered on any screen (it acts globally).
- Settings are required for Event Recording
- Maximum recording time is 30 seconds
 - Record 15 seconds max. before the event occurred and 15 max after the event occurred (when assigned bit changes from off to on status). Review image below.



How to Configure a REC (Record) and Stop Button.

1. Go to **Home** tab, select **Buttons** and then **Key Button** (drop it on the base screen). Double click to configure the properties of the Key Button.

	, ∽) ≂ nfiguration Online N	view Format	
Paste & Cut Paste Duplicate	C Open → C Open →	Shapes Picture Text	Buttons Lamps Data (v Displays v
Clipboard	Screens	Drawings	B Bit Button
Project	Ψ×	1 [Base Screen]	Word Button
🖃 🗁 RECORDING SEPT	.20		🖌 📥 Goto Screen Button
⊕ Base Screens ⊕ Dopup screen			😂 Print Button
Project Settin	gs	a ka ka ka	Key Button

2. In the **Properties of Key Button**, click the **Browse** button. Select **Multimedia Function** and then the **Rec** button.

Click the OK button to close the properties of the key button.

[Base Screen]	_		
	Properties of Key Button	Key Browser	
	General View Registration Text Comment Part Name: KeyButton1 Key Type Language: European	 Keypad Data Transfer Alarm Display Multimedia Function 	Play Next FF
· · · · · · ·		·	Slow
· · · · · · ·			Rec.

3. To create a **Stop** button, first follow step 1 (above).

In the **Properties of Key Button**, click on **Browse**. Select **Multimedia Function** and then select the **Stop** button.

	Properties of Key Butto	Key Browser		
Rec.	General View Registrati Part Name: KeyButt	C Keupad	Play	Stop
_ /	Key Type Language: European	C Data Transfer	Next	Back
	Browse	➤ Multimedia Function	Slow	Frame Fwd

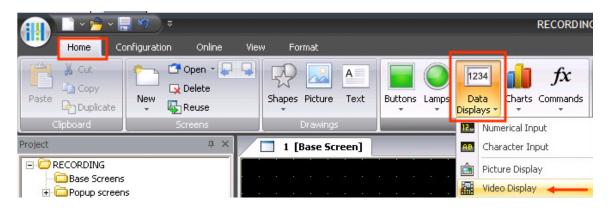
4. At this point, the configuration is done. You may download this program. To trigger the Rec and Stop button, you must go to that base screen where you had placed the buttons at and trigger them.

1 [Ba	ase Scr	een]							
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		D a	•						
		Re	с.						
		· ·	•						
		Sto	op						
		е с с 1							
	•	•					•	•	

Optional only:

5. To place a video monitor display on the same screen with Rec and Stop button. Here is a way to configure the video display to be in monitor only.

Go to **Home** tab, select **Data Displays** and then **Video Display** (drop it on the base screen and double click to configure the properties).



6. In the **Properties of Video Display**, select "**Display images from the video input**" under Action mode.

1 [Base Screen]			
		<u></u>	
		Properties of	f Video Display
Rec. Sciences		General View	w Comment
a second a second of		General View	v Comment
		and a second second	
Stop		Part Nam	e: VideoDisplay1
		a series and	
A REAL PROPERTY AND A REAL		Action	
· · · · · · · · · · · · · · ·		O Dis	play images from the video input
and the second		CPlay	y the Movie File List Default ID
		C Play	y the Playlist Playlist
			ID F
, a a a a a <mark>. Full .</mark>	Restore, Repeat	N. RepeatOFF	
Back	REU. FF.	. Next .	
Pause	Stop	Play C Pk	ay a movie or recorded file from the File Screen

7. You may remove the buttons below the display since they will not be needed in the video monitor display. To delete the buttons, do a right mouse click on the display, select Ungroup, delete the buttons. The end result is shown below.

[1	[Bas	e Sc	reer	ני															
			÷	÷	i.	i.	÷	÷	i.	i.	÷	÷	÷	÷	÷	÷	÷	÷	Ì	i.
	Rec			÷				÷				Ì	÷	÷	÷	÷	Ì		1	
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							•	•		•	•									

How to Configure Record and Stop button using the Multi- Button or Multi - Command function.

1. To configure a Multi Button, select **Home** tab – **Buttons – Multi Button**

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Home Co	onfiguration Online	Viev	v Format				
Cut	Copen - 🕻		₽ 🔜	A		0	1234
Paste Duplicate	New 🐻 Reuse		Shapes Picture	Text	Buttons	Lamps	Data Displays *
Clipboard	Screens		Drawings		B Bit	Button	
Project	д >		1 Using Re	ec & Stop B	wa W wa	ord Butto	on
					📥 Gol	to Scree	en Button
Base Screens					😂 Prir	nt Butto	n
🕀 🧰 Popup screen						/ Buttor	1
Alarm Log Set	ttings			 		lti-Butto	n

In Multi Button Properties, select the **Action Mode** and select **Command Type: Key.** Click **Add** button to select the type of button.

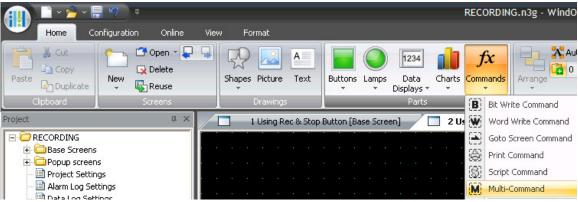
Multi-Button	
General View Registration Text Comment	
Part Name: MultiButton2	>>OFF Text >>ON Text
Part Name. JMulubutton2	ZZOFF TEXT ZZON TEXT
Action Mode: Momentary	
Multi-Functions	
Function List:	Command Type:
Comma Comma Device	Key 🗸 Add
	Edit

Click the **Browse** button. In **Key Browser**, select **Multimedia Function.** Select **Rec or Stop** button.

Properties of Key for Multi-Functions	Key Browser		
Command Name: Key Command2 Key Type Language: European Browse	 Keypad Data Transfer Alarm Display Multimedia Function 	Play Next FF	Stop Back REW
		Slow	Frame Fwd
		Rec.	

OR

1. Select Home tab - Commands - Multi Command



2. Select Key as the Command type. Click the Add button.

Multi-Command	
General Trigger Condition Comment	
Part Name: MultiCommand1	
r Multi-Functions	
Function List:	Command Type:
Comm Command Name Device	Key 🗸 Add

Click the **Browse** button. In **Key Browser**, select **Multimedia Function.** Select **Rec or Stop** button.

Properties of Key for Multi-Functions	Key Browser		
Command Name: Key Command2 Key Type Language: European Browse	C Keypad C Data Transfer C Alarm Display C Multimedia Function	Play Next FF	Stop Back REW
		Slow	Frame Fwd
		Rec.	

Lastly, assign a **Trigger Condition** (enter the device type) to trigger either Record or Stop function.

Multi-Command		×
General Trigger	Condition Comment	
Trigger Type:	Rising-edge 🗨 Data Type: BIN16(+) 💌	
Device:	LM 0000	
Comment:		

How to Configure for Event Recording:

1. Go to Configuration tab - select Multimedia



2. In Multimedia Settings, select **Record** tab. Next, follow the steps below.

	Multimedia Settings		×
	Movie Record Video Input		
1. Check the check box to		ecord Button is always available and ca	n be used with a Key button at anytime.)
enable "Event Recording"	Recording Target Video and Audio		
2. Select if you want to – record Video & Audio or Video only.	C Video only (No Audio) Trigger Device:		 3. Assign a trigger bit address to start the
		LM 0000	recording process
	Recording Time Before Event(sec):	15 🕂 🗛 4.	Assign time for before and after
	Recording Time After Event(sec):	15 🛨 🔶	Event occurred to be recorded.
1			 Maximum recording time is 30 seconds.
			- 15 secs max to record before the event occurred and 15 secs max after the event occurred

Click the **OK** button when all settings are done.

3. You may now download the project.

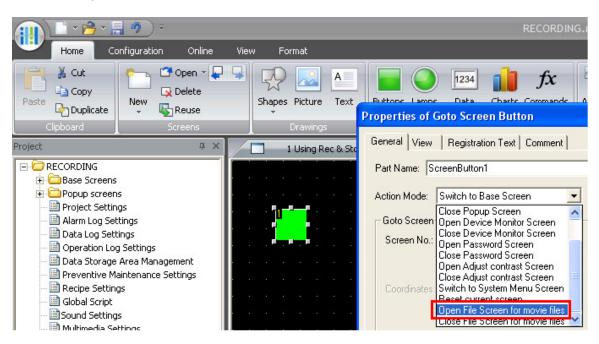
In the example above, address LM 0, is the assigned trigger device. Thus, if you trigger LM0 (i.e. system fault occurred) on any screen, it will immediately start recording. It will record 15 seconds of event before and 15 seconds of event after the bit is triggered.

How to Play a Recorded File

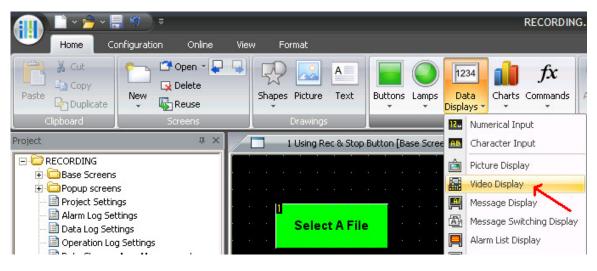
1. Create a new base screen. Next, select **Home** tab – **Buttons** – **Goto Screen Button**.

····	lome	Configuratio	on Online	View	Format				
	Cut		CP Open - 📮	-	炅 🔝	A			1234
Paste	Duplicate	New	Reuse		Shapes Picture	Text	Buttons	Lamps •	Data Displays *
Clipboard Screens			Drawings		Bit Button				
Project 🛛 🗘 🕹			🔲 1 Using Rec & Stop B 👿 Word Button		on				
E CREC	ORDING						Ge Ge	oto Scre	en Button

2. In Properties of Goto Screen Button, select "Open File Screen for movie files". In this example, the button will be labeled as "Select A file".



3. Go to Home tab, select Data Display and select Video Display.

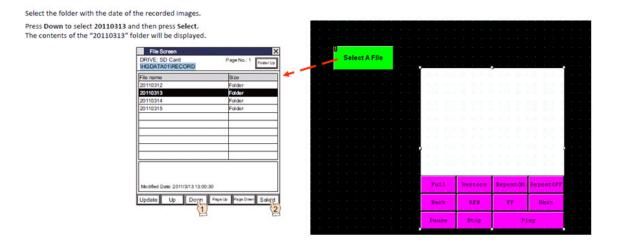


4. In the Properties of Video Display, select "Play a movie or recorded file from File Screen"

Properties of Video Display		
General View Comment		
Part Name: VideoDisplay1		
Action]
O Display images from the video input		
Play the Movie File List	Default ID : 0 🐳	
C Play the Playlist	Playlist	
	ID File Name	
	Add	
	Delete	
	Up	
	Down	
	Down	
Play a movie or recorded file from the	e File Screen	
🔲 Full Screen		
🔲 No Audio		
🗖 Repeat		
—		

Click the **Ok** button to close the properties.

4. Here is the final display on the screen. You may now download this project. Click the "Select A File" button to select the recorded file to be played on the Video Display.



Limitations when using Event Recording:

- When doing an event recording, you must wait till the event recording is saved in the SD card, then REC Button can be used or play a movie file.
- To monitor the event recording status bit, use LSD 155-0
 - If bit LSD155-0 is ON, keep in mind you can not play a movie file or press the REC button.
 - If bit LSD155-0 is OFF, then you can play a movie file or press the REC button.