# Portal UI Specs Cloud Recording

V 2.7.x Dec 07, 2015 UIDD-Emma



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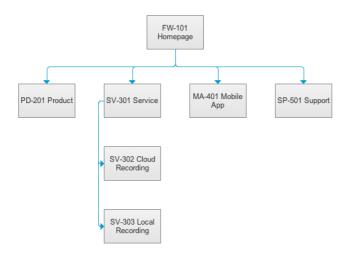
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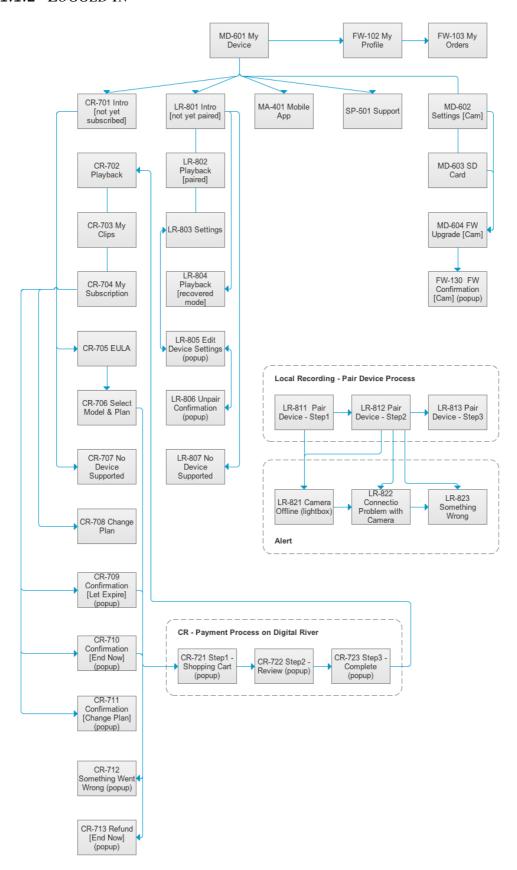
# 1 CLOUD RECORDING

## 1.1 Information Architecture:

#### 1.1.1 NOT LOGGED IN

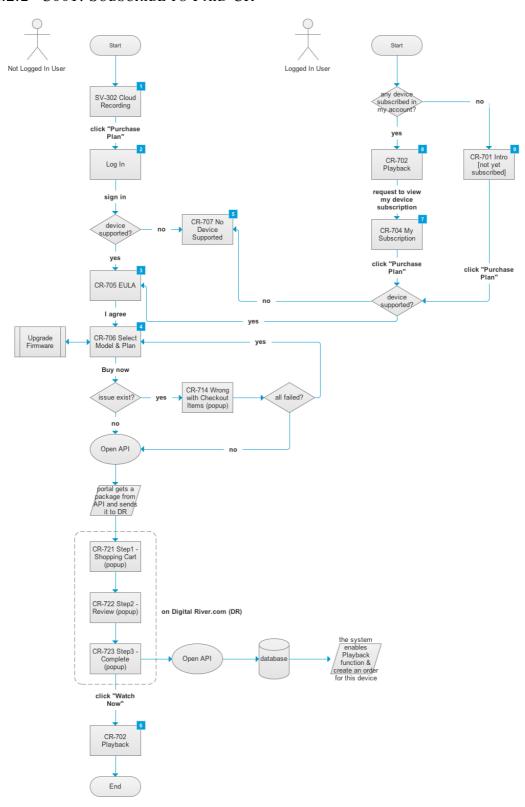


#### 1.1.2 LOGGED IN

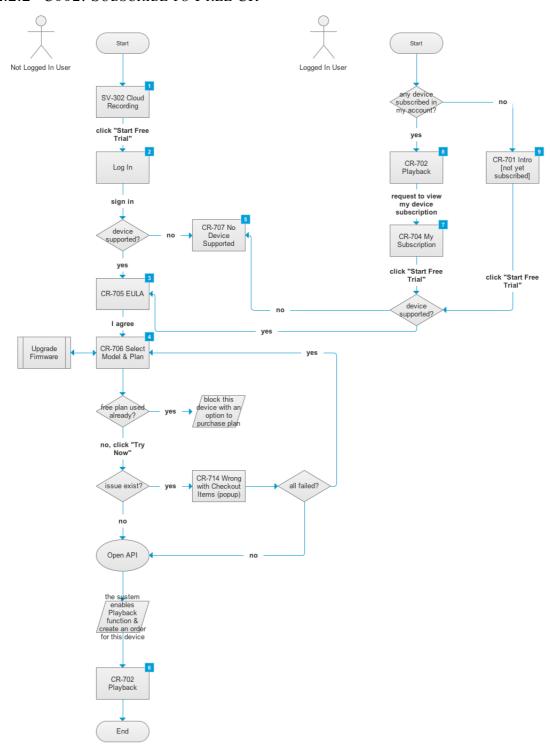


## 1.2 TASK FLOW:

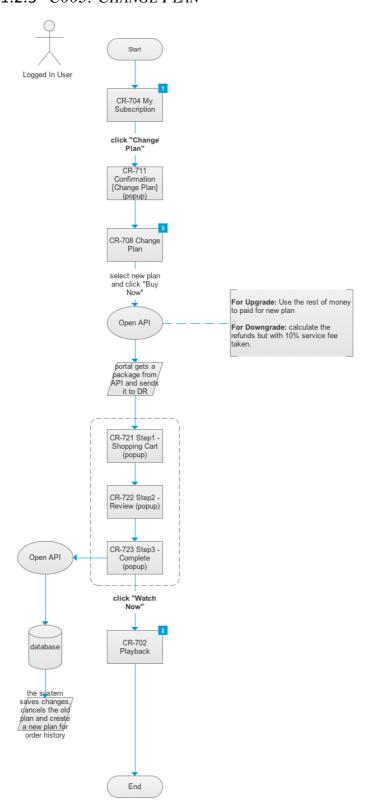
## 1.2.1 COO1: SUBSCRIBE TO PAID CR



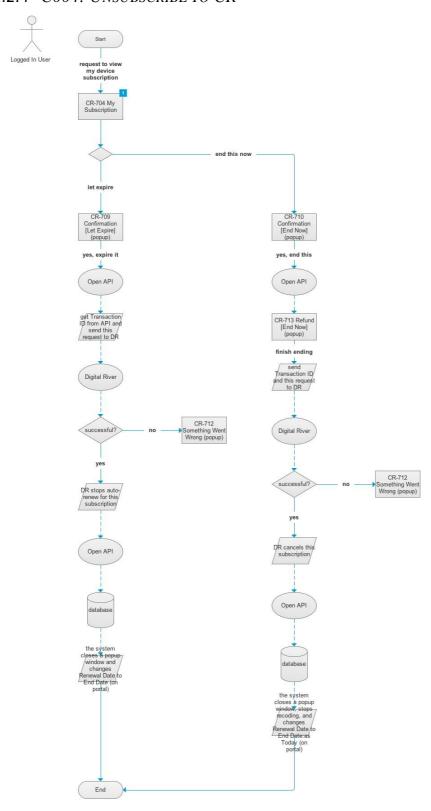
## 1.2.2 COO2: Subscribe to Free CR



## 1.2.3 C003: CHANGE PLAN



## 1.2.4 COO4: Unsubscribe to CR



## 1.3 USER INTERFACE:

## 1.3.1 HEADER

### A. Not Logged In on Portal



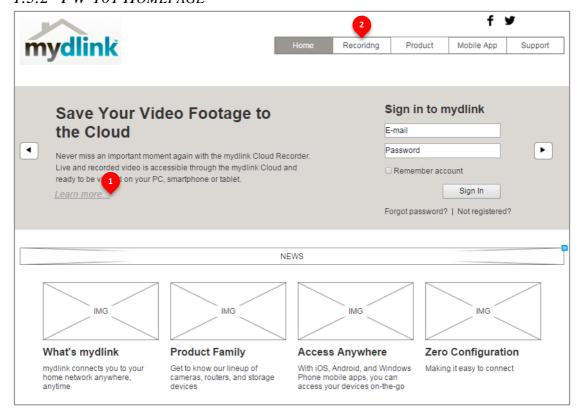
## B. Logged In on Portal



## C. Logged In on Mobile

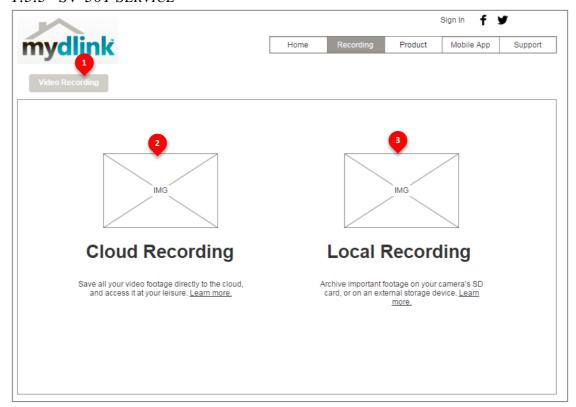


#### 1.3.2 FW-101 HOMEPAGE



ID	Label	Description
1	Banner	The slide of Cloud Recording presents a feature headline and description with a background image and a link to the Cloud Recording Intro page.  → onclick: Goes to the Cloud Recording Intro page.
2	Recording button	There is an option (Recording button) in the header to go to Cloud Recording page.

#### 1.3.3 SV-301 SERVICE

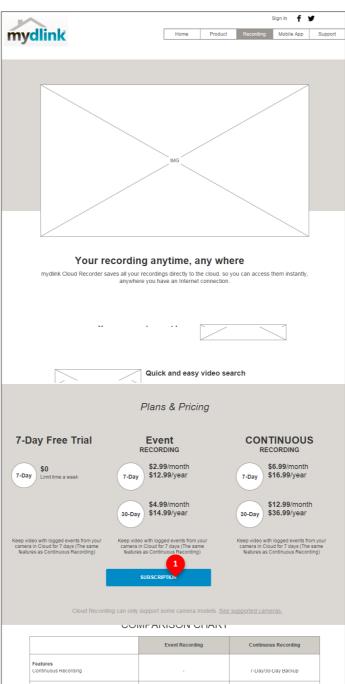


ID	Label	Description
1	Video Recording (sub menu)	The system displays two sets of recording service under Video Recording. These services are displayed in the order: Cloud Recording, Local Recording.
2	Cloud Recording	The Cloud Recording shows the service icon, title, and caption with an option to read more about it.  → onclick: Goes to the Cloud Recording Intro page.
3	Local Recording	The Local Recording shows the service icon, title, and caption with an option to read more about it.  → onclick: Goes to the Local Recording Intro page.

Spec Types: ← State → Behaviour □ Data

#### 1.3.4 SV-302 CLOUD RECORDING

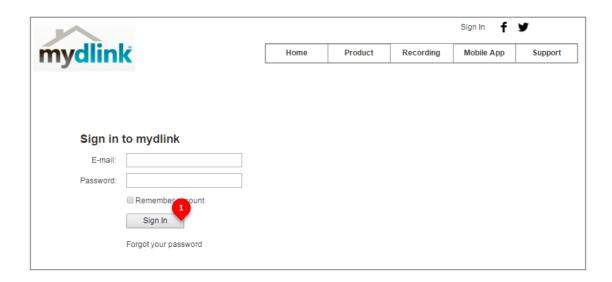
On CR Intro page, the user has another choice to start a new trial for this cloud service aside from paid plan. This page gives user an intro brief of cloud recording including features, pricing, compared specification.



	Event Recording	Continuous Recording
Features Continuous Recording	-	/-Day/30-Day Backup
Trimming Clips	-	<b>✓</b>
Time-Lapse Sequence	-	<b>✓</b>
Clip Management	•	<b>✓</b>
Extra 3-hour Storage	<b>√</b>	<b>✓</b>
Download Clips	•	<b>✓</b>
Clip Sharing	<b>✓</b>	<b>,</b>
Live View	•	•
In App Snapshot	<b>✓</b>	<b>✓</b>
In App Snapshot	<b>✓</b>	•
E-mail alerts	<b>✓</b>	•
Mobile alerts	<b>~</b>	<b>✓</b>
IP Cam Settings	<b>~</b>	<b>~</b>
2-Way Audio (for specific models)	•	•
SD Card Recording (for specific models)	<b>✓</b>	•

ID	Label	Description
1	Subscription (btn)	There is an option to try or buy cloud recording service.  → onclick: Direct to Sign In page. (After signing in, the system checks if this account is verified and then available device? If yes, it goes to the <i>CR-705 EULA</i> page before going to <i>CR-715 Select Model &amp; Plan [Free]</i> . If not, for account not verified, show <i>CR-713 Account Not Verified</i> . For device not support, show <i>CR-707 No Device Supported</i> .)

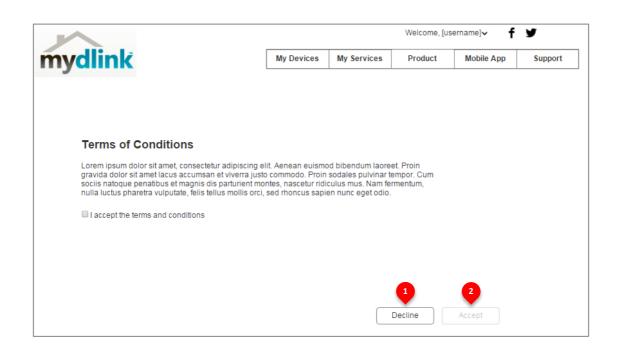
## 1.3.4 FW-102 Log IN



ID	Label	Description
1	LOG ME IN (btn)	There is an option to sign in with mydlink email account and password.  → onclick: If this email and password is matched, then access to the next page. Otherwise show error message.

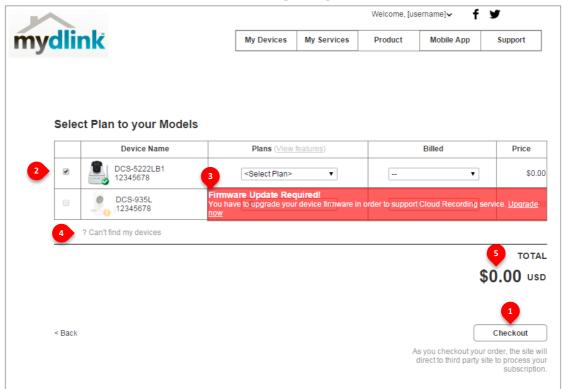
**Spec Types:** *⊕* State → Behaviour □ Data

## 1.3.5 CR-705 EULA (POPUP)



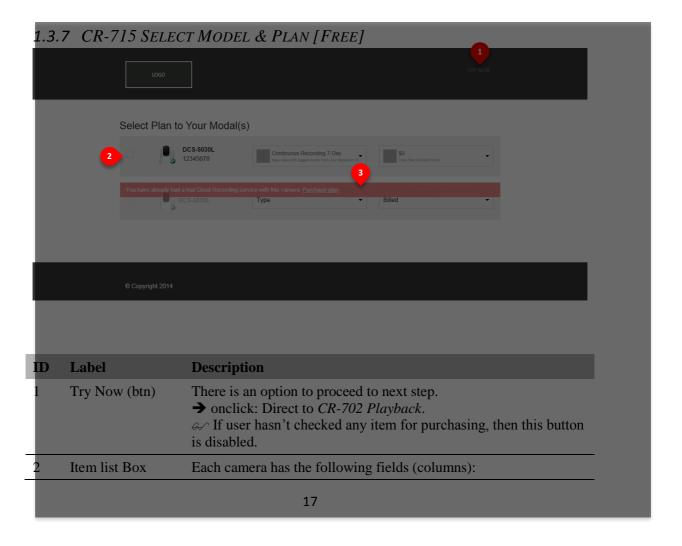
ID	Label	Description
1	Decline (btn)	There is an option not to accept this use of condition.  → onclick: Close the window and back to the page based on this service has been used or not. If so, goes to <i>CR-702 Playback</i> . If not, goes to <i>CR-701 Intro [not yet subscribed]</i> .
5	Accept (btn)	There is an option to accept this use of condition.  Disable if the user hasn't tick the checkbox.  → onclick: Close the window and show CR-706 Select Model & Plan [Paid] or CR-715 Select Model & Plan [Free] based on which one user chose.

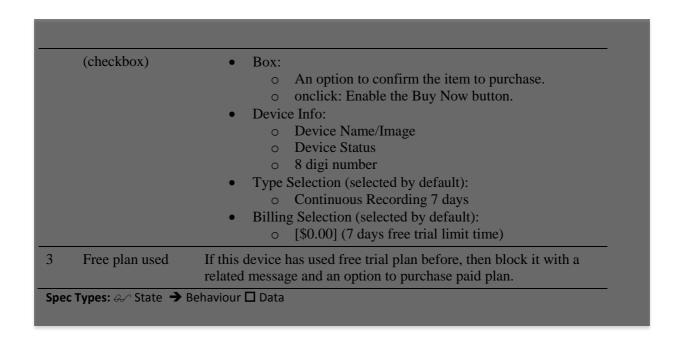
## 1.3.6 CR-706 SELECT MODEL & PLAN [PAID]



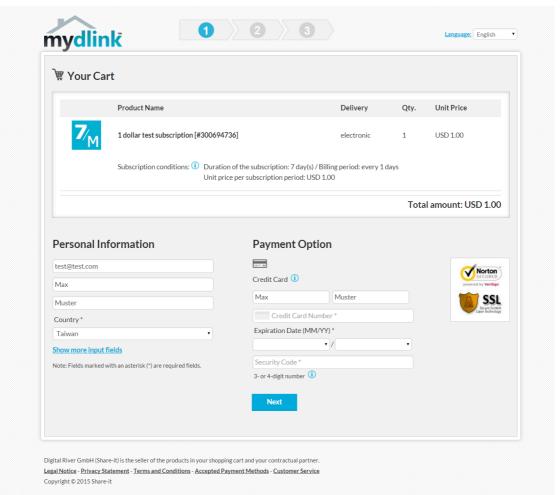
ID	Label	Description	
1	Checkout (btn)	There is an option to proceed to next step.  → onclick: Direct to <i>CR-721 Step1 - Shoppi</i> River.  ← If user hasn't checked any item for purch disabled.	
2	Item list Box	Each camera has the following fields (column Check Box:  O An option to confirm the item Onclick: Enable the Buy Now Device Info:  Device Info: Device Image with status (on Device Name Onclick) Below Both Billing Selection (Billed Waselected one of Plans, show corresponding Plans Free Trial 7 days Event Recording 7 days  Event Recording 30 days	n to purchase.  button.  dline/offline/errors)  will be disabled until user

		Continuous Recording 7 days [\$6.99]/monthly [\$16.99]/yearly
		Continuous Recording 30 days [\$12.99]/monthly [\$36.99]/yearly
3	Device error message	<ol> <li>Firmware Upgrade required:         Wording→ You have to upgrade your device firmware in order to support Cloud Recording service. <u>Upgrade now</u>.</li> <li>Device offline:         Wording→ Your camera is offline. Please make sure your camera is turned on and connected to the Internet.</li> <li>Already enable Local Recording service.         Wording→ Your camera has already been paired with another storage either in local or cloud. You must deactivate it in order to continue.         Checkbox and Device column will be gray out if the error above hasn't be eliminated.</li> </ol>
4	Tips	Show text "Can't fine my devices?" . Link goes to FQA for supported models.
5	Amount	Show total price for all subscribed items.

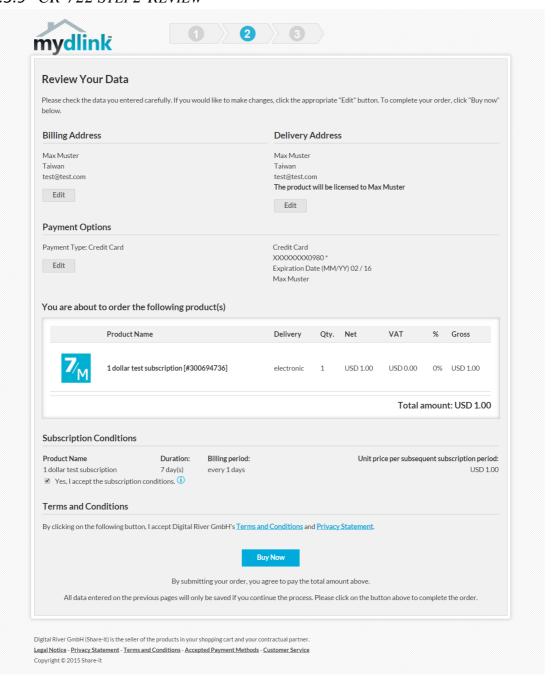




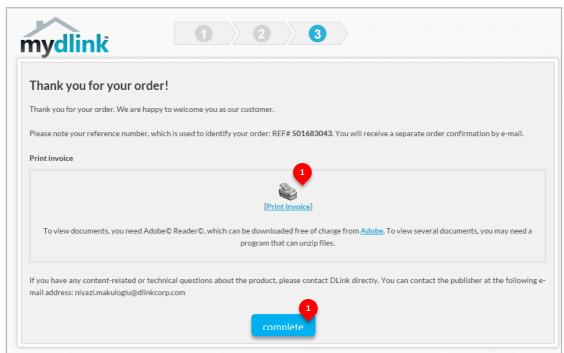
#### 1.3.8 CR-721 STEP1-SHOPPING CART



#### 1.3.9 CR-722 STEP2-REVIEW

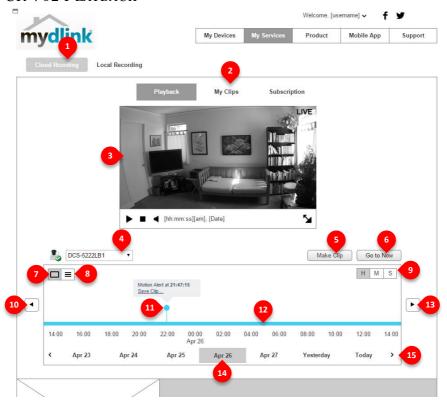


#### 1.3.10 CR-723 STEP3-COMPLETE



ID	Label	Description
Print Print feature → onclick: Print the order if connecting with printe		Print feature  → onclick: Print the order if connecting with printer
	Complete	There is an option to view this camera recording I just subscribe to.  → onclick: Goes to <i>CR-702 Playback</i> page and has this device chose.

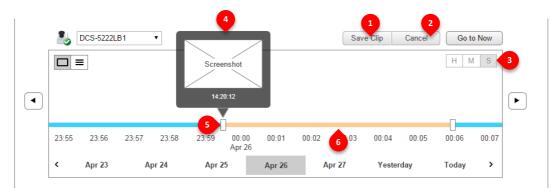
## 1.3.11 CR-702 PLAYBACK



ID	Label	Description
1	Cloud Recording (submenu)	Here is a Cloud Recording page under My Recording.  → onclick: Goes to Cloud Recording page.
2	Button bar (tab)	Here is an option switch to different tab group through button bar, as follow:  • Playback: Switch to <i>CR-702 Playback</i> page • My Clips: Switch to <i>CR-703 My Clips</i> page • Subscription: Switch to <i>CR-704 My Subscriptions</i> page
3	Screen	<ul> <li>This video player allows user to view the live view and past footages.</li> <li>Clicking on a recorded video or event marks in a timeline brings up the video player.</li> <li>The controls have a row of buttons, as follow: <ul> <li>Play/Pause</li> <li>Speaker - Adjust the volume of the sound</li> <li>Fullscreen/Normal</li> </ul> </li> <li>There is a recording time shown in the toolbar</li> </ul>
4	Camera Selection (dropdown)	There is an option to select device to view video footage.  → onclick: Show a camera list that has paired with cloud storage.
5	Make Clip (btn)	There is an option edit the recording.

		→ onclick: The timeline presents Edit mode. Please refer to for more details. (next page)
6	Go to now (btn)	The user is able to jump the time cursor to the current.  → onclick: Jump the time cursor to the current.
7	The Timeline (menu item)	The system presents recorded video in a range of day/Hour/Min/Sec.  → onclick: Change the timeline view mode.
8	The Events page (menu item)	The system presents a list of video clips triggered by event like motion and sound detection.  → onclick: Change the event view mode.
9	Scale (menu item)	There is an option to change to the unit by hour, min, or sec in timeline mode.  → onclick: Change the scale of timeline.  ✓ In Edit mode, the Sec option is selected and disabled.
10	Prev Navi (btn)	There is an option to reveal the previous time/date that is hided from the screen.  → onclick: Rotate the screen in a timeline in the direction selected by 2-3 unit (this setting can be changed by RD).
11	Event mark (btn)	When the event is triggered, the system marks the timeline as a flag. To view the recorded video, click on the flag to play the video.  → onclick: Show when this event is happened and with an option to save this clip in a popup over
12	Timeline Cursor (btn)	There is an option to click the timeline bar to play recorded video (not available to ER plan).  → onclick: Shows the timeline cursor (that is, ) at the point that user clicked and start playing video.  → onhover: Show the storyboard having recorded screenshot and time within.
13	Next Navi (btn)	There is an option to reveal the next time/date that is hided from the screen.  → onclick: Rotate the screen in a timeline in the direction selected by 2-3 unit (this setting can be changed by RD).
14	Date Picker (btn)	There is an option to choose the date for timeline.  → onclick: Date option to show the date range of timeline that user specified.
15	Date carousel navigation	If this service plan is for 30 days backup, then show the date carousel navigation before and after date option items.  → onclick: Rotate the date options items in the direction selected by a set of 7 days.

#### **Edit Mode**



ID	Label	Description
1	Save Clip (btn)	There is an option to save a clip in Edit mode.  → onclick: Show a settings in a popup.
2	Cancel (btn)	There is an option cancel it.  → onclick: Change back to normal view.
3	Scales (menu item)	In Edit mode, the system automatically selects the Sec option. And disable it.
4	Storyboard	When the user drags the cursor, the system shows the recorded screenshot and time in a popover.
5	Dragger	There is an option to trim the recording by start pointer to End pointer.  → ondrag: Move the dragger with a storyboard above.  → onrelease: Show the timeline cursor and start playing video from the starting pointer.  □ The maximum range is 15 mins.
6	Editable timeline	The range of editable timeline is also dragged and clickable.  → ondrag: Move the Editable timeline.  → onrelease: Show the timeline cursor and start playing video from the starting pointer.

Spec Types: ← State → Behaviour □ Data

#### Alert box

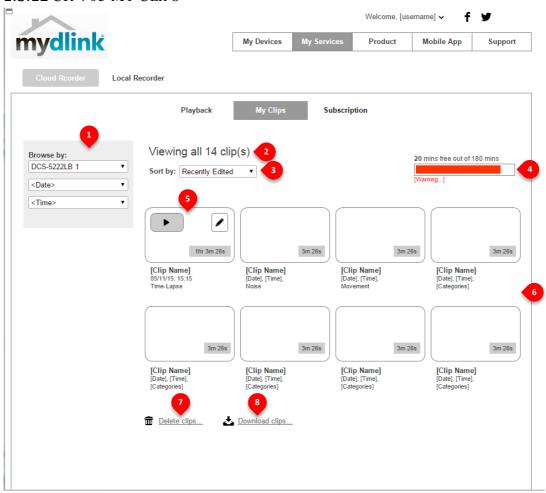
A. Camera Offline

This camera is currently offline. Please check your the connections for camera to make it function normally.

B. Camera Disconnection

There is a problem with connection to your camera. Please reconnect it again to make it function normally.

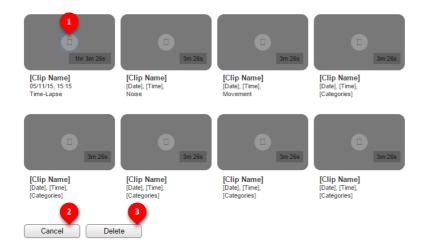
#### 1.3.12 CR-703 MY CLIPS



ID	Label	Description
1	Browse by (dropdown)	User can filter recorded clips saved in the Cloud by specifying the device, date and time.           The option from Device dropdown is selected by default.      onclick: Show a dropdown list.
2	Clips (txt)	There is the text telling the user how many clips was found based on the criteria that users specified.
3	Sort by(dropdown)	There is an option to sort the results by the following options:  Recently Edited (selected by default)  Caption (A-Z): clip name  Date (Latest-Oldest): recording time from camera.  Length (Long-Short)
4	Storage Bar	The storage indicates how much remaining space user can save their clip to.  The maximum storage for saved clips is 180 mins.  If the remaining space is below 36 minutes (20%), then the system shows the bar in red. If not, shows the bar in blue.

		← If the space is full, there is a warning message saying "This storage is full, please clear it out for more space."
5	Video Thumbnails	<ul> <li>For each video thumbnail, there are the following properties:</li> <li>Once the video is in process, there is a loading bar over it until it is finished.</li> <li>The length of video clip (the formatting of length is: [hh]hr [mm]m [ss]s).</li> <li>Play button (shown onhover)</li> <li>Edit button (shown onhover)</li> <li>Clip name</li> <li>Recorded date and time</li> <li>Type: Time-lapse, Noise (from sound detection), Movement (from motion detection)</li> <li>→ onclick: Play button to bring up a video player in a popup.</li> <li>→ onclick: Edit button to bring up a settings in a popup.</li> <li>→ onhover: Show the Play button and Edit button.</li> </ul>
6	Videos List	The system shows videos in a list (4 items per row, 3 rows per page). When scrolling the page on the bottom, the system loads the rest of videos (3 rows per time).
7	Delete videos (btn)	<ul> <li>There is an option to delete some videos or all videos.</li> <li>→ onclick: Show an option to delete some or all videos.</li> <li>• When Delete Some is clicked, then the system shows a box over each video thumbnail to choose which one is going to be removed.</li> <li>• When Delete All is selected, then system shows a popup for a confirmation.</li> </ul>
8	Download Videos (btn)	<ul> <li>There is an option to download some videos or all videos.</li> <li>→ onclick: Show an option to download some or all videos.</li> <li>• When Download Some is clicked, then the system shows a Download button over each video thumbnail to choose which one is going to be downloaded.</li> <li>• When Download All is selected, then all videos in this results will be downloaded.</li> </ul>

#### **Delete Some**

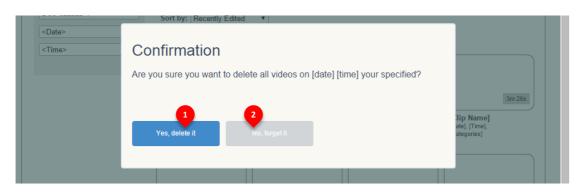


ID	Label	Description
1	Box (checkbox)	There is option to choose which video clip I am going to delete.  → onclick: Confirm it.
2	Cancel (btn)	There is an option to cancel the Delete mode and go back to Review Vid List mode.  → onclick: Change back to normal state to review videos.
3	Delete (btn)	There is an option to confirm for delete.

Spec Types: ← State → Behaviour □ Data

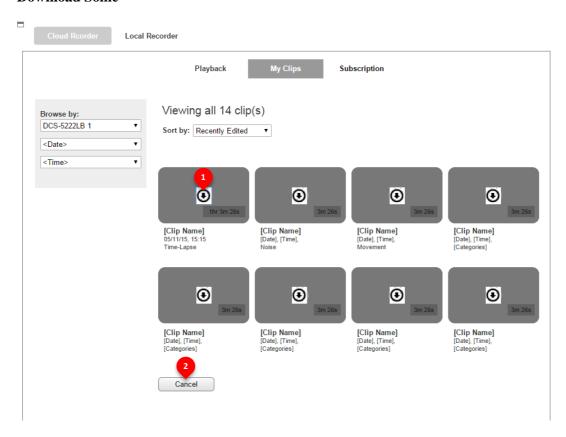
#### **Delete All**

When user wants to delete all videos, the system pops up a message for a confirmation.



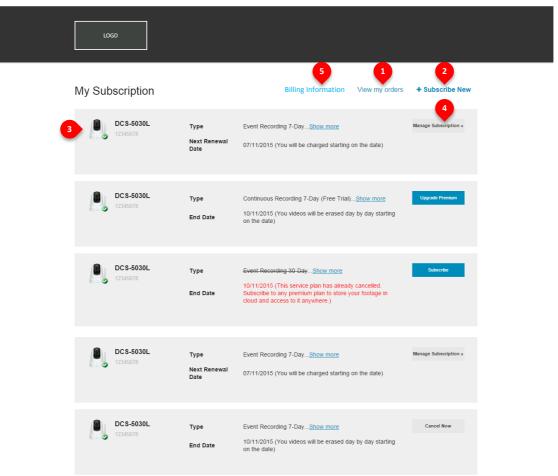
ID	Label	Description
1	Yes, delete it (btn)	There is an option to confirm it.  → onclick: Delete all videos and close this popup window.
2	No, forgot it (btn)	There is an option to cancel this action.  → onclick: Close this popup window.

#### **Download Some**



ID	Label	Description
1	Download (btn)	There is an option to download recorded video.  → onclick: Download the video in browser window.
2	Cancel (btn)	There is an option to cancel the Download mode and go back to Review Vid List mode.  → onclick: Change back to normal state to review videos.

#### 1.3.13 CR-704 SETTINGS



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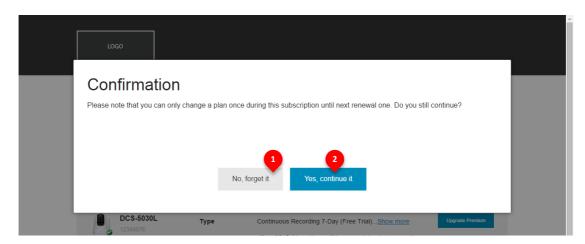
ID	Label	Description
1	View my orders (btn)	There is an option to view my order history.  → onclick: Goes to <i>FW-111 My Orders</i> page.
2	Subscribe New (btn)	There is an option to subscribe new CR service.
3	Subscribed item	For each device, there are the following fields (columns):  • Device Info:  • Device Name/Image  • Device Status  • 8 digi number  • Service Type: [Event Recording 7-Day]  • There is an option to show more details about it

o For formatting of text, please refer to prototype. Next Renewal Date: [mm/dd/yyyy] (You will be charged starting on the date) A Change the label to "End Date" as the user let it expire & Change the label to "End Date" for the free trial users. The contents for End Date as per prototype. Manage Subscription (dropdown) 4 As normal situation, there is an option to manage my subscription, Manage Subscription as follows: (dropdown) Change Plan (upgrade/downgrade this service) 0 Let expire (stop auto-renewing this contract) Cancel now (cancel it for refund) For free trial users, change this dropdown button to Upgrade Premium button. When this service is expired, there is only option, Subscribe button, shown. When this service has already changed from another plan, then show only option, Let Expire, button. When the user lets this service expire, then there is only option, Cancel button, to choose. 5 Billing There is a link goes to Digital River for users edit their Billing Information information.

Spec Types: ← State → Behaviour □ Data

#### **Change Plan Confirmation**

When user wants to change service plan, there is a popup shown for a confirmation.

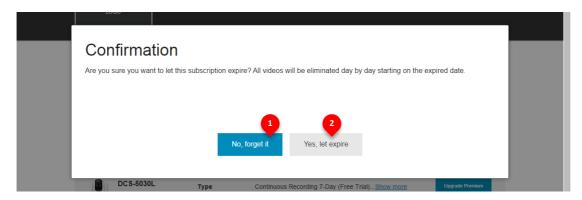


ID Label Description

1	No, forgot it (btn)	There is an option to cancel this action.  → onclick: Close this popup window.
2	Yes, continue it (btn)	There is an option to confirm this action.  → onclick: Goes to EULA page to subscribe to cloud recording.

#### Let expire

When user wants to stop auto-renewing this contract.

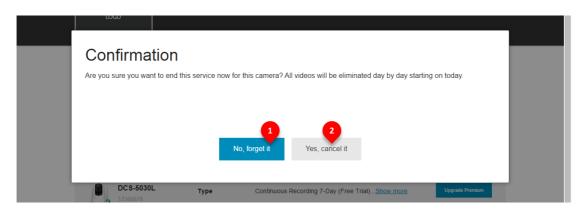


ID	Label	Description
1	No, forgot it (btn)	There is an option to cancel this action.  → onclick: Close this popup window.
2	Yes, let expire (btn)	There is an option to confirm this action.  → onclick: Send this transaction ID to the system (Open API) and close this popup window.

Spec Types: ← State → Behaviour □ Data

#### **Cancel Now**

When user wants to end this service right now.

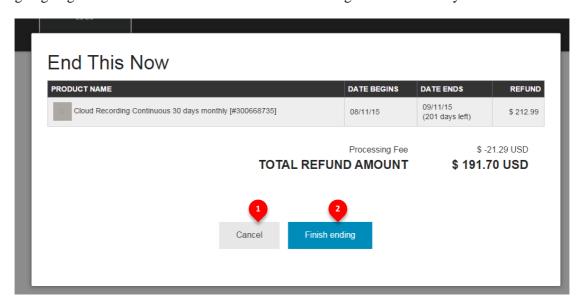


ID	Label	Description
1	No, forgot it (btn)	There is an option to cancel this action.

		→ onclick: Close this popup window.
2	Yes, cancel it (btn)	There is an option to confirm this action.  → onclick: Pop up another window showing how much refunds user is going to get.

#### **Cancellation Refunds**

After user clicked "Yes, cancel it" button, the system calculates the total refunds that user is going to get. There is 10% service fee that needs to charge user additionally.

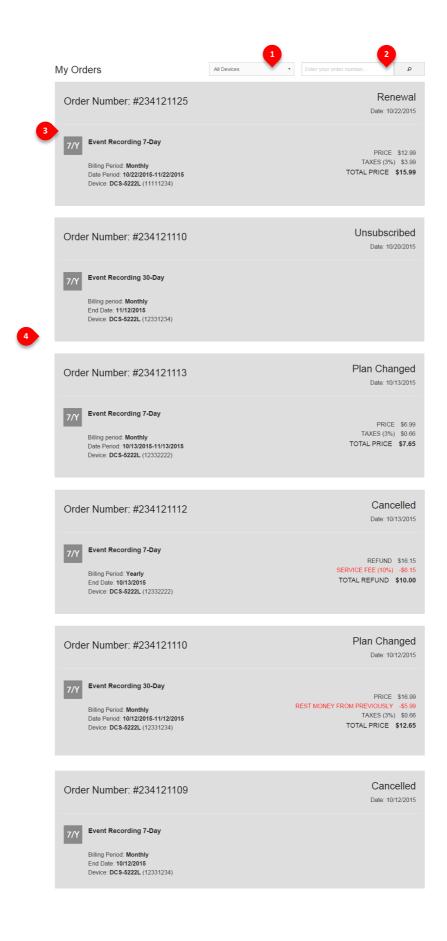


ID	Label	Description	
1	Cancel (btn)	There is an option to cancel this action.  → onclick: Close this popup window (not to go the previous popup window).	
2	Finish ending (btn)	There is an option to finish this ending.  → onclick: Send this transaction ID to the system (Open API) and close this popup window.	

Spec Types: ← State → Behaviour □ Data

#### 1.3.14 FW-103 MY ORDERS

Any action involved with subscription will log my order history. including plan changed will cancel the old one and add a new one.



Order Number: #234121112	Subscribed Date: 10/12/2015
Billing Period: Yearly Date Period: 10/12/2015-10/12/2016 Device: DCS-5222L (123322222)	PRICE \$16.99 TAXES (3%) \$0.66 TOTAL PRICE <b>\$17.65</b>
Order Number: #234121109	Subscribed Date: 10/11/2015
Billing Period: Monthly Date Period: 10/11/2015-11/11/2015 Device: DCS-5222L (12331234)	PRICE \$6.99 TAXES (3%) \$0.66 TOTAL PRICE <b>\$7.65</b>
Order Number: #234122100	Subscribed Date: 09/22/2015
Billing Period: Monthly Date Period: 09/22/2015-10/22/2015 Device: DCS-5222L (11111234)	PRICE \$6.00 TAXES (3%) \$0.33 TOTAL PRICE \$6.33
Order Number: #234121101	Subscribed Date: 09/06/2015
Event Recording 7-Day (Free Trial)  End Date: 09/13/2015 Device: DCS-5222L (11111234)	PRICE \$0.00 TAXES (0%) \$0.00 TOTAL PRICE <b>\$0.00</b>

ID	Label	Description	
1	Filter (dropdown)	The system lists all devices under this account for user to filter the result.  → onclick: Filter the result.	
2	Search (text field)	There is an option to search for by order number.  → onclick: Start searching.	
3	Item	<ul> <li>For each item, there are the following fields (columns):</li> <li>Order Number</li> <li>Statue (that includes Subscribed, Renewal, Cancelled, Plan Changed, and Unsubscribed)</li> <li>Date (item created date)</li> <li>Service Type</li> <li>Billing Period: monthly/yearly (hide for Free Trial)</li> <li>Date Period (not for Cancelled, Unsubscribed, and Free Trial)</li> </ul>	

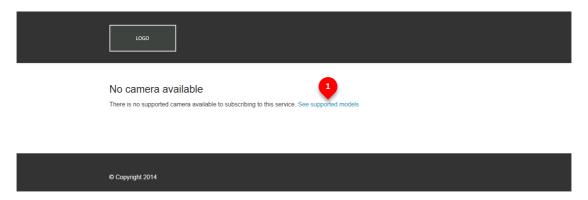
		<ul> <li>End Date (Not for Subscribed and Plan Changed)</li> <li>Price (Not for Cancelled)</li> <li>Taxes ([0]%) (Not for Cancelled)</li> <li>Service Fee (Only for downgrade changed)</li> <li>Rest money from previously (Only for upgrade change)</li> <li>Total Price (Not for Cancelled)</li> </ul>	
4	Items list	The system shows items in a list (10 items per page). When scrolling the page on the bottom, the system loads the rest of items until the last is loaded.	



ID	Label	Description	
1	Orders	Click user account to show Dropdown menu to go to My Orders as well.  → onclick: Goes to My orders page.	

## 1.3.15 CR-707 NO DEVICE SUPPORT

After clicking Subscribe button, the system finds that there is no device supporting cloud recording.

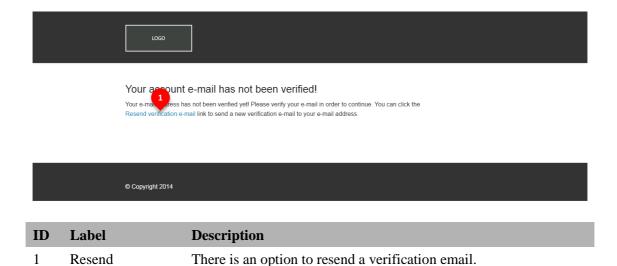


ID	Label	Description	
1	See supported models	There is a link to FAQ page for user to know more about supported devices.  → onclick: Goes to FAQ page.	

Spec Types: ← State → Behaviour □ Data

#### 1.3.16 CR-707 ACCOUNT NOT VERIFIED

After clicking Subscribe button, the system finds that this account has not verified yet.



→ onclick: Pop up a window saying an email is sent.

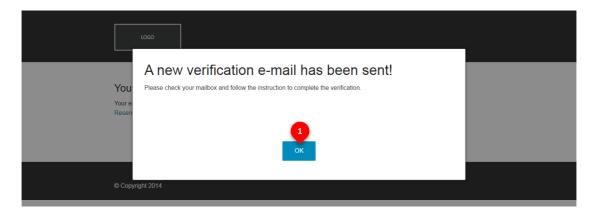
Spec Types: ← State → Behaviour □ Data

verification e-

mail (link)

#### 1.3.17 CR-713 EMAIL CONFIRMATION SENT (POPUP)

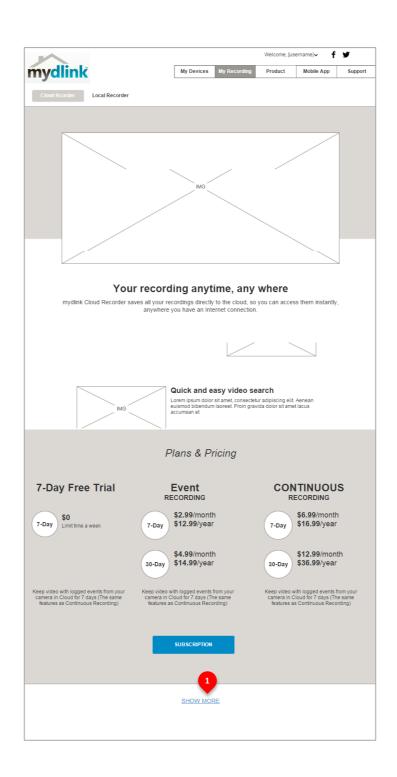
When a verification email sent to user again.



ID	Label	Description	
1	OK (btn)	There is an option to close this popup window.  → onclick: Close the window.	

## 1.3.18 CR-701 Intro [not yet subscribed]

When the user has never used Cloud Recording before and logged into Cloud Recording page.



ID	Label	Description
1	Show More (btn)	There is an option to show the comparison chart of these two service types.  → onclick: Show the comparison chart and an option to show less which has replaced an option to show more.

# 2 REVISION HISTORY

Version	Date	Authors	Reason For Changes
2.7.x	2015/11/20	Jerry	The first draft of Local Recording UI Spec.
2.7.x	2015/12/07	Emma	The first draft of Local Recording UI Spec.