

OCULi Web Portal

Glossary

<https://oculi.online/>

Home

Home	If not logged in, returns to www.oculi.online If logged in, returns to 'Events' page
About	Goes to OCULi and Luminite 'About' page
Register	Create a new account
Login	Log into an existing account
Learn more	Goes to OCULi and Luminite 'About' page
Login to view your events and settings	Log into an existing account
Download on the App Store	Goes to Apple store page for OCULi iOS app

Register

Company Name	Your company name identifies your web portal account – please type it accurately as we use this to locate your account and assign SIMs
First Name	First name of account manager
Last Name	Last name of the account manager
Phone Number	Contact phone number
Email	Login email address – please use a real email address to receive email notifications
Confirmation Email	Re-type your email address
Password	Login password – please use a secure password with a variation of upper- and lower-case letters, numbers, and special characters *NOTE - using '&' in your password may cause issues
Confirm password	Re-type your password
Register	Register your web portal account – by clicking Register you automatically agree to our terms and conditions

Login

Email	Enter your account email address
Password	Enter your account password
Remember me?	Tick to remember account login details
Log in	Log into account
Register as a new user	Goes to the registration page

Events

Search	Search for event by camera name, site name, or date
--------	---

Refresh	Refresh event list		
Show unread events only	Only show events that have not been actioned		
Show actioned events only	Only show events that have been actioned		
Site	Site name – click to sort ^ ascending, or v descending		
Camera	Camera name – click to sort ^ ascending, or v descending		
Date	Event date and time – click to sort ^ ascending, or v descending		
<<	Goes to first page (newest events)	>>	Goes to last page (oldest events)
<	Goes back one page	>	Goes forward one page
No. of Items:	Type number of events to display per page (maximum 15 sites to display)		

Event Id	Event identification number
Resolution	Resolution of the captured image
FW Version	Firmware version installed on the unit
PIR date	Date that current firmware was built
System Name	Unique identifier name for physical unit hardware

Magnifying glass	Hover over image to zoom certain areas
------------------	--

Live Services	
VOICE Challenge	Makes a voice call to the unit if browser supports calling
Play Detection	Plays sound file allocated to detection event (configured in Units tab under Set Up Sounder)
Play External	Plays sound file allocated to external trigger (configured in Units tab under Set Up Sounder)
Latching/Momentary	Latching – relay stays open or closed Momentary – relay temporarily open or closed
Activate	Activates latching or momentary relay option
Take Images	Takes a series of images immediately
Start Walktest	Starts a 5-minute walk-test session via Bluetooth that sends notifications to the web portal *NOTE – for VGA units only
End Walktest	Ends the walk-test session – unit will ‘sleep’ until next event if not in live mode *NOTE – for VGA units only

Streaming	
Device name:	Displays the system name for physical unit hardware
Switch to Streaming / Event Images	Switches between streaming and the last event images
Start Streaming	Starts a 5-minute streaming session
End Streaming	Ends the streaming session
Current Device is:	Displays the system name for physical unit hardware
Close	Close the streaming window

Save as Images	Saves event images in a .zip folder as individual .jpeg files
Play Video	Plays event footage on loop

Stop Video	Stops event footage from playing
Brightness	Slider to increase/decrease brightness of event footage
Contrast	Slider to increase/decrease contrast of event footage

Exposure Zones	
Slider	<p>Sets how much exposure data is captured per zone from 0 (lowest) to 15 (highest).</p> <p>Lower value zones contribute least data to the final average exposure value - higher value zones contribute more.</p> <p>Image exposure increased or decreased depending on final weighted average exposure value of all 16 zones.</p>
Save Exposures	Saves the exposure settings for the unit



Get Log	
Exception Address	Location of exception/event in dump file
Version	Dump file name/version
Event	Type of exception/event
Cause	Cause of exception/event
Date	Date/time of exception/event
Log Details	List of approximately last 240 actions unit has taken
Close	Close event log window

Image timeline	Shows each individual image captured during the event – click an individual image to pause on it – use the horizontal scrollbar to move see all images captured
----------------	---

Sites

Search	Search for event by camera name, site name, or date		
Refresh	Refresh site list		
Site	Site name – click to sort ^ ascending, or v descending		
Camera No.	Displays number of units assigned to the site		
Install Date	Date the site was installed – click to sort ^ ascending, or v descending		
<<	Goes to first page	>>	Goes to last page
<	Goes back one page	>	Goes forward one page
No. of Items:	Type number of sites to display per page (maximum 15 sites to display)		

Address

Name	Type the site name	Time Zone	Select time zone from dropdown
Line 1	First line of site address	Line 2	Second line of site address
Town	Town site located in	City	City site located in
Post Code	Site post code	Install Date	Date site installed

Contact Details

System Warning Email	Email address that warnings will be sent to if no user assigned to site
Alert Email	Email address that alerts will be sent to if no user assigned to site
Phone	Contact number for key staff on site

Over-rides individual units

Site has master schedule	When ticked, site arming schedule controls all units on the site, and overrides any arming schedule set on individual units
Update with Beta test firmware	Updates all units on the site with Beta firmware – NOT recommended
Update with Release firmware	Updates all units on the site with Release firmware

Set Arming for each day of the week

Weekday	Select day of the week to edit arming schedule for from dropdown
Add new alarm	Adds a new alarm section – minimum 1, maximum 3
24/7	Sets the site to be armed 24 hours a day, 7 days a week
Copy	Copies arming schedule to another day of the week
Copy To	Select which day of the week to copy the arming schedule to from dropdown

ON	Arms site at selected time
OFF	Disarms site at selected time
I	Displays overview of selected arming section
X	Deletes the individual on/off arming segment
H	Select hour from dropdown – note that 00 is midnight AM, and 24 is midnight PM
M	Select minute from dropdown

Assigned Units to Site	
Unit Overview	Displays all units currently assigned to site

Platform Integration			
Platform list	Select platform from dropdown	Integration	Opens integration settings

Info.	Displays an example of how the integration form should be completed
-------	---

Name	Name of integration platform
Site	Site name
Value 1	SMTP server address
Value 2	Host IP address
Value 3	Alarm number (use integer)
Value 4	Number of images
Value 5	Port number
Save	Save integration values

Assign Site to the Users (Web&Mobile notifications)	
Operators	List of created users available to assign to site – click to select user
Add Role to Site	Click to assign a user to the site

Site notifications for the user	
Assigned Users	List of users assigned to the site
Settings	Opens the notifications settings
Delete	Remove the user from the site

Notification Settings	
User	User which settings are being configured for
Site	Site which user settings are being configured for

Detection	Unit detects movement in front of the lens
Tamper	The enclosure is opened
External	Unit is activated by an external source, such as a Genesis detector
Cloak On	PIR detector is covered
User Requested	'Take Images' requested by user in Live Services
Bluetooth Test	Bluetooth test mode has started – only works on VGA units
Move	Unit has been physically moved
Time Lapse	Images from Time Lapse have been uploaded
Steaming Start	Live streaming initiated via Live Services
Initialisation	Unit powers up and makes initial connection to the server
Heartbeat	Unit takes a series of single images over a specified timeframe and pushes to server as an event
Web Push	Web portal receives a push notification when an event is registered
Mobile Push	Mobile app receives a push notification when an event is registered

Alert Sound	Web portal will make a noise when an event is registered
Email	Notifications will be sent to the assigned users' email address
Enable/Disable Notif.	Enables or disables all notifications

Save As	Type a new site name in the 'Save as another site' box and click Save Site to create a new site
View	Displays all settings for the site
Save Site	Saves any changes made to the site
Delete Site	Deletes the site

Units

Search	Search for unit by camera name, site name, or date		
Refresh	Refresh unit lists		
Name	Unit name – click to sort ^ ascending, or v descending		
Site	Site name – click to sort ^ ascending, or v descending		
Last Connection	Last connection to server – click to sort ^ ascending, or v descending		
<<	Goes to first page	>>	Goes to last page
<	Goes back one page	>	Goes forward one page
No. of Items:	Type number of units to display per page (maximum 15 sites to display)		

Name	Name of the unit
SIM ID	ICCID of the SIM being used in the unit
UID	Unique identification number for unit used within OCULi portal
FW Version	Firmware version currently installed on the unit
Site	Site that the unit is assigned to??
Search for site	Type the site to search for and click Search for site button??
AlertNumber	For use when alerts need to be passed to an ARC monitoring centre
Change Site To:	Select a site from the dropdown to change site unit is assigned to
Phone	Mobile phone number for the SIM used with the unit – used for voice challenge calls

GPS Location //this only works with units fitted with GPS hardware	
Longitude	Displays longitude of physical unit
Latitude	Displays latitude of physical unit
Google Map	Opens Google Maps location for the unit using longitude and latitude

Video Settings	
Frames per Video	The total number of frames captured by the unit per event – this number will be divided by the number of frames per second
Frames per Second	How many frames the unit will capture per second
Group of Pictures	For use with differential compression – unit captures set number of images and then produces one differential image

Resolution	Set the image resolution from the dropdown menu	
	5MP	2560 x 1944
	Full HD	1920 x 1080
	HD	1280 x 720
	VGA	640 x 480
Compression	Normal JPEG (No differential images)	Captures images as regular JPEGs.
	Differential – 1 reference image per group of pictures	Unit captures number of images set in Group of Pictures, and then creates one differential image. Grey indicates no change in image – other shade variants indicate movement in image
Brightness	Adjust the image brightness with the slider	
Exposure	Adjust the image exposure with the slider – lower exposure produces a darker image; higher exposure produces a brighter image	
Shutter	Adjust the shutter speed with the slider – slower shutter allows more light, faster shutter allows less light *NOTE - a slower shutter speed may cause blurry images	

PIR Settings		
Power Saving Modes	Changes how frequently the unit can detect	
1	Walktest – creates a detection every 4 minutes to aid with positioning and setup *NOTE – if left in Walktest mode, unit will use significant power and data – manually change power saving mode when walktest complete	
2	Events can only be sent after a 3-minute peace gap	
3	Events can only be sent after a 10-minute peace gap	
4	Events can only be sent after a 30-minute peace gap	
6	Events are blocked for 3 minutes after detection – no peace gap required	
7	Events are blocked for 10 minutes after detection – no peace gap required	
8	Events are blocked for 30 minutes after detection – no peace gap required	
Peace gap	A period where no movement is detected by the PIR	

And/Or	Determines whether activity needs to be registered in one or both sensor areas to trigger an event
Pulse Count	Number of pulses to be registered before a detection event is registered
Day / Night Threshold	Sets the light level for IR illumination
Sensitivity	Sets the sensitivity of the PIR

Online Settings	
Live	Unit stays connected to the cloud constantly and sends images to server immediately after an event – does not have to wait for modem to start before sending image. *NOTE – this mode uses significant data and power *NOTE – does not require Enable Hub
Standby	Unit stays connected to the cloud server for 5 minutes after an event – after 5 minutes, modem sleeps. If unit has a detection while modem is on, standby period resets.

	<p>*NOTE – if used with Snapshot and interval is <5 minutes, Standby mode will continuously be reset until Snapshot mode is ‘disarmed’ in arming schedule – this mode uses significant power and data</p> <p>*NOTE – this mode does not change the power saving mode</p> <p>*NOTE - requires Enable Hub</p> <p>*NOTE – do not use with Live</p>
Stand Down	<p>Sets to power saving mode 4 and overrides arming schedule – unit will not send detections to portal whilst Stand Down is active.</p> <p>*NOTE – this mode must manually be deactivated before the unit resumes normal operation</p> <p>*NOTE – do not use with Live</p>
Enable Hub	<p>Connects to the IoT hub – allows commands to be sent to unit immediately via Live Services in event window</p> <p>*NOTE – requires Live</p>

After Detection Actions

Sounder Automatic	Sounder automatically plays assigned sound file on activation
Relay Automatic	Relay output automatically activated after detection
Relay Polarity	If ticked, relay output normally closed If unticked, relay output normally open
Voice Challenge	Unit stays online temporarily after an event, listening for an incoming phone call to enable 2-way voice challenge
Sounder repeats	Sound file plays from 1 – 25 times on activation
Output Duration	Sets duration of relay output activation – 1 sec, 10 secs, 1 min, 10 mins

Set Up Sounder

Select sound file	Click to choose sound file on system
Upload sound	Click to upload selected file to web portal
Sound for External:	Sound file used when unit is triggered by an external device, such as a Genesis unit
Sound for detection	Sound file used when the unit has a detection event

Set Up the Heartbeat

Heartbeat	<p>When the unit connects to the server to update its status and accept any changes to settings</p> <p>*NOTE – when in Snapshot mode, Heartbeat only occurs when unit is ‘disarmed’</p>
Snapshot Mode	<p>Captures images (number set in Video Settings) at a set interval and immediately sends to the server.</p> <p>*NOTE - Snapshot mode overrides arming schedule – unit will NOT be triggered by PIR while Snapshot is ‘armed’ in arming schedule, and will only report Snapshot events – PIR detection re-enabled when Snapshot is ‘disarmed’ in arming schedule, and unit will report regular detections</p>
Time Lapse	<p>When fitted with additional flash memory and Snapshot mode is enabled, Time Lapse mode overrides Snapshot mode.</p> <p>Unit captures a single image at a set interval and compiles into a Time Lapse video – uploads Time Lapse event either on Heartbeat schedule, or when flash storage is full.</p>

	*NOTE – Time Lapse mode overrides arming schedule – unit will NOT be triggered by PIR while Time Lapse is ‘armed’ in arming schedule, and will only report Time Lapse events – PIR detection re-enabled when Time Lapse is ‘disarmed’ in arming schedule, and unit will report regular detections	
Type	Heartbeat frequency	
	Every hour	Hourly heartbeat event
	Every day	Daily heartbeat event
	Every week	Weekly heartbeat event
Day	Sets the heartbeat day for weekly heartbeats	
Time	Sets the Heartbeat time for daily and weekly Heartbeats, and interval time for Snapshot and Time Lapse *NOTE - use 24-hour clock format 00:00 – 23:59 *NOTE - interval time set using ‘minutes’ – e.g. time set to 14:15, image taken every 15 minutes for Snapshot and Time Lapse	

Graphs	
Light	Light levels registered by unit
Voltage	Current voltage of fitted batteries – when using primary cells, <3.4 batteries need attention; when using rechargeables, <7.2 batteries need attention
Current (In)	Displays when batteries are being charged via solar panel – if positive current, unit is charging; should not go below -0.002 unless unit is in Live mode
STC_count	Shows unit status and event codes for troubleshooting purposes – 0 indicates normal functionality
Power	Remaining battery capacity
Temperature	Internal unit temperature in °C
Signal Strength	Cellular signal strength; 0 – 24, 0 being lowest, 24 being highest

Save Unit	Saves changes to unit	Delete Unit	Deletes the unit
-----------	-----------------------	-------------	------------------

Users

Add new user	Opens user creation panel		
Search	Search for user by company name, or contact name		
Refresh	Refresh user list		
Company Name	Company name – click to sort ^ ascending, or v descending		
Contact Name	Contact name – click to sort ^ ascending, or v descending		
<<	Goes to first page	>>	Goes to last page
<	Goes back one page	>	Goes forward one page
No. of Items:	Type number of users to display per page (maximum 15 sites to display)		

User details	
First Name	Users first name
Last Name	Users last name
Phone Number	Users best contact number

Login Details	
Email	Enter the users email address
Role	Select either Manager or Operator – Manager allows full access of the portal – Operators can only see the site they are assigned to
New Password	Type a strong password with a variation of Upper and Lower case, numbers, and special characters *NOTE - avoid using '&' in password
Confirm Password	Retype password
Status	Label to display whether user is active or not

Save User(s)	Save changes to user	Delete User	Delete the user
--------------	----------------------	-------------	-----------------