

OCULi Web Portal

Glossary

<https://oculi.online/>

Home

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|--|---|
| 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 |

Register

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| 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

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|------------------------|--|
| 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 |
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|---------------------------|---|----|-----------------------------------|
| 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 |

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

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|------------|---|
| 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 |

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| 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 |
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Sites

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|---------------|--|----|-----------------------|
| 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

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|-----------|----------------------------|--------------|--------------------------------|
| 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

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| 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

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|---------------|---|
| 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 |

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| 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

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| Unit Overview | Displays all units currently assigned to site |
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Platform Integration

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

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

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| 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

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

Notification Settings

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| User | User which settings are being configured for |
| Site | Site which user settings are being configured for |

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| 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 |

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| 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 |

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| 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) | | |

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|-----------------|---|
| 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 | |
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| 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 |

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| 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 | | |
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| 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 | |

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| 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. |

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| | <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> |

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| | *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 |

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|-----------|-----------------------|-------------|------------------|
| 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 |
|--------------|----------------------|-------------|-----------------|