

# ORION

## GRID CONNECT

# SMART

## OUTDOOR DIY SECURITY CAMERA WITH 24W TWIN FLOODLIGHT AND SIREN



**AUTOMATICALLY  
DETECTS MOTION**

**SEE, RECORD AND GET  
NOTIFIED REGARDING ACTIVITY  
AROUND YOUR HOME USING  
YOUR SMARTPHONE**



## QUICK START GUIDE

IMPORTANT!  
PLEASE READ THESE  
INSTRUCTIONS  
CAREFULLY

SCMALIOOWHA


## 1 INTRODUCTION

This SMART outdoor security camera with floodlight is designed for use in homes, apartments, offices, garages and sheds. It has been developed to be easily set up and operated, giving you and your family the security and peace of mind that you deserve.

Install the Grid Connect mobile app, available for both iPhone and Android devices, to monitor your camera and control the floodlight or siren remotely.


The Grid Connect app is free to download and is available from the Apple App Store and Google Play.

MONITOR FROM ANYWHERE



DOWNLOAD   PAIR   USE

Download from:



## 2 CONTENTS

- 1 x Camera with Twin Floodlight
- 1 x Mounting Bracket
- 3 x Mounting Screws & Wall Plugs
- 2 x Mounting Bolts
- 1 x Screw Driver
- 1 x Drill Template



**Class 10 Micro SD Card required for video playback (not included). (Min. 16GB, Max. 128GB card supported)**

## 3 IDENTIFICATION

### IP65 Weatherproof

### Two LED Floodlights

2 x 12W LED  
5500K daylight  
2000 Lumens\*

### Camera Lens

15m night vision  
3MP 1296p HD, with  
130° field of view

### PIR Sensor

Up to 10m motion  
detection  
150° field of view

### Status Light

**RED** Solid Light:  
The device is resetting

**RED** Blinking Light:  
Twice per second – pairing mode

**BLUE** Solid Light:  
Device is paired and running correctly

### Mic/Speaker

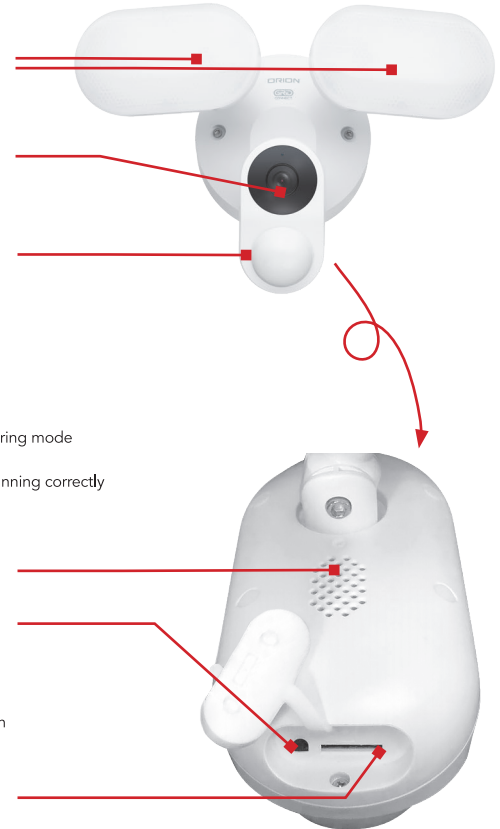
Two-way audio

### Reset Button

Press and hold for 5 seconds to reboot and clear all settings to factory defaults. This will allow you to connect with different Wi-Fi network if required.

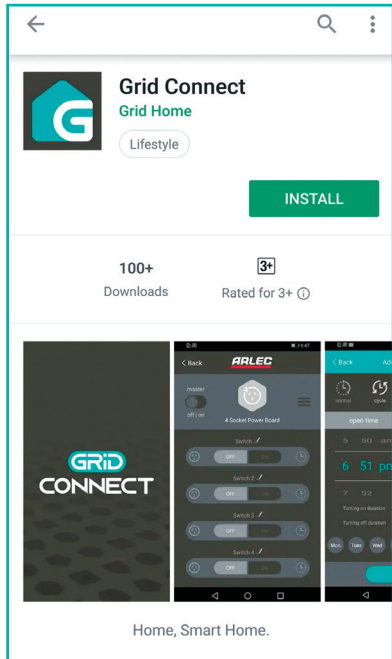
### SD Card Slot

Use a micro SD memory card to record video.




\*Lumens are representative of average measured values.

## 4 DOWNLOAD THE APP



## NEW ACCOUNT LOG IN SETUP

Download and install  
 **GRID Connect** App  
from Play store (Android)  
or App store (iOS).



## 5 INSTALL THE APP



Open the  **GRID** Connect App.

If you are a new user, tap **create new account** and follow the prompts to complete account setup.

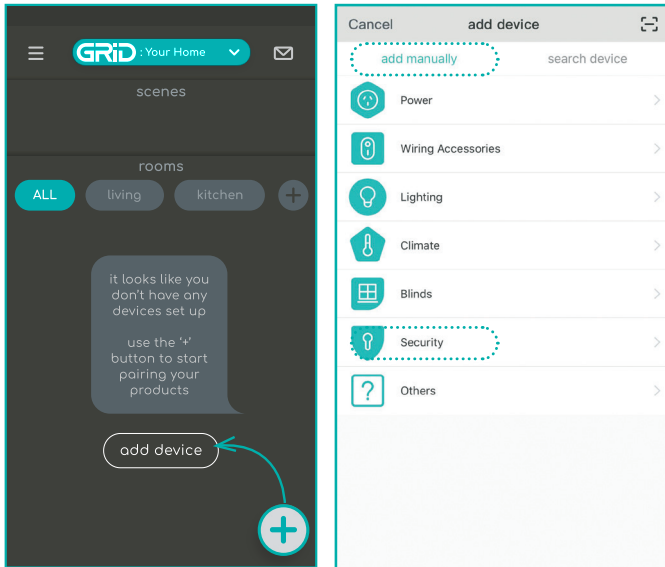
create new account

***Note:** You must agree with the Privacy Policy to be able to use the App.*

If you already have an existing account, just tap **login to account** and enter your login details to continue.

login to account

## 6.0 PAIRING YOUR DEVICE



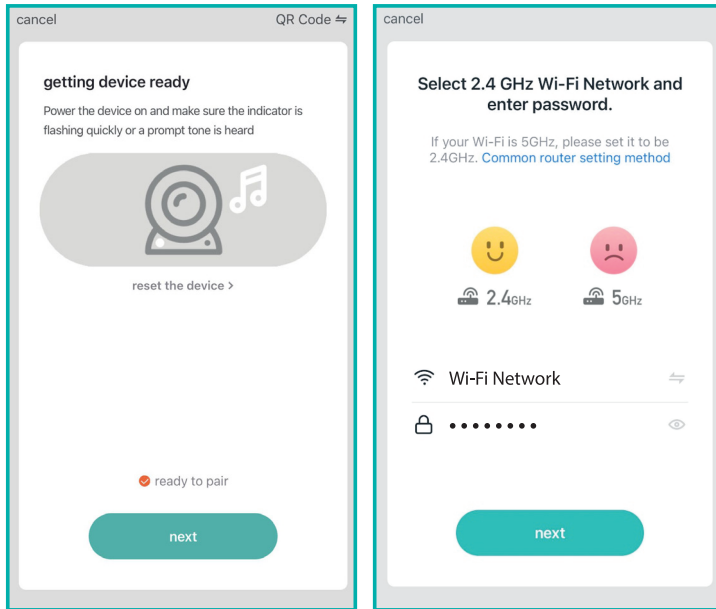
Power on your smart camera by connecting to a mains socket.

It should take approximately 30 seconds to startup and will indicate as such with a solid red light.

You will hear a welcome sound. Confirm the status light is red and rapidly blinking (approximately 2 times per second). If the status light isn't red and blinking, press and hold the reset button for 5 seconds, then wait for the product to restart. This may take up to a minute. Once the status light is red and rapidly blinking your camera is ready for pairing.

Once your camera is in pairing mode, open the GRID Connect App, Tap **+**, then select **security** on the **add device** page. Confirm the status light is red and rapidly blinking (approximately 2 times per second) before following the on-screen prompts, to proceed.

## 6.1 PAIRING YOUR DEVICE

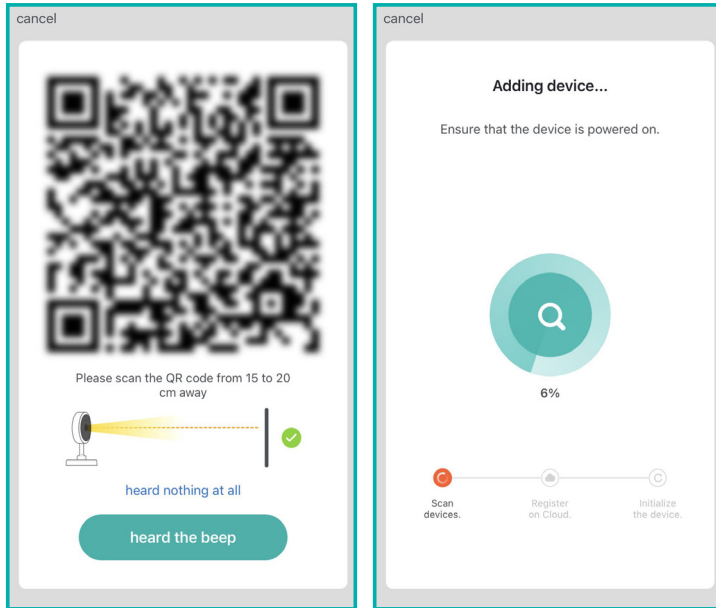


confirm

Enter the Wi-Fi password and tap **next** to proceed.

If needed, you can tap **change network** to switch to another suitable Wi-Fi network for your camera.

## 6.2 PAIRING YOUR DEVICE



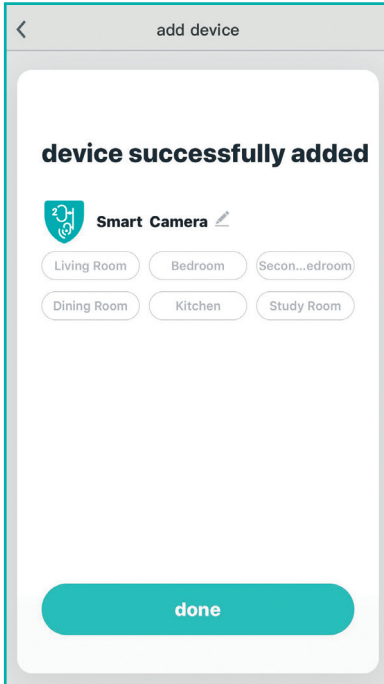
Use the GRID Connect camera to scan the QR code that is displayed on the GRID Connect app. The camera should be approximately 15-20cm away from your mobile device's screen.

The camera will emit a beep, after this press **heard the beep**.

The indicator light should change to blue. The GRID Connect app will now start to pair your device with your GRID Connect account.

*Note: We suggest pairing the camera indoors before installation. Avoid direct sunlight to lens during outdoor pairing.*

## 6.3 PAIRING YOUR DEVICE



Once the pairing process is complete a page showing **device added successfully** will appear.

You may choose to edit the device name or assign the device to a dedicated room before tapping **done** to finish the pairing process.

Once your camera is paired to your Wi-Fi network, your camera can be viewed at anytime from your smartphone as long as there is internet access.



If no device is found and the pairing process is not successful, check below and repeat from Step 6

- 1 Wi-Fi network is 2.4GHz.
- 2 Wi-Fi password entered is correct and the same Wi-Fi network is used on the mobile device.
- 3 GRID Connect device is in pairing mode and within Wi-Fi range.
- 4 Check your Wi-Fi for network activity.



## 7 OPERATING YOUR CAMERA

Once your camera is paired to your Wi-Fi network, you can view your camera at anytime from your smartphone as long as there is internet access.

### Live View



Expand to full screen



Capture a photo from the live view



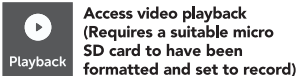
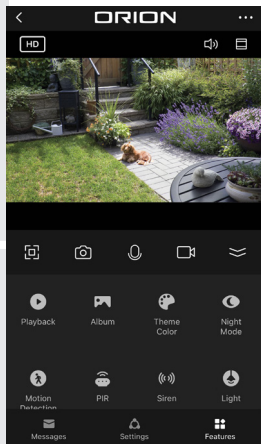
Tap and hold to talk



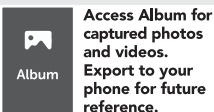
Capture a video from the live view



Minimise options menu



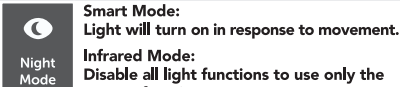
Access video playback (Requires a suitable micro SD card to have been formatted and set to record)



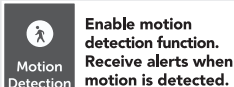
Access Album for captured photos and videos. Export to your phone for future reference.



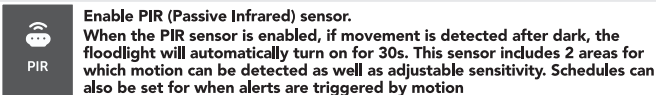
Switch between light and dark interface theme



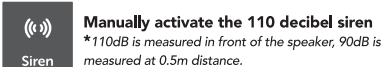
**Smart Mode:** Light will turn on in response to movement.  
**Infrared Mode:** Disable all light functions to use only the camera function.



Enable motion detection function. Receive alerts when motion is detected.



Enable PIR (Passive Infrared) sensor. When the PIR sensor is enabled, if movement is detected after dark, the floodlight will automatically turn on for 30s. This sensor includes 2 areas for which motion can be detected as well as adjustable sensitivity. Schedules can also be set for when alerts are triggered by motion

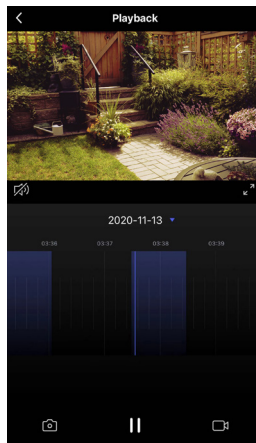


Manually activate the 110 decibel siren  
*\*110dB is measured in front of the speaker, 90dB is measured at 0.5m distance.*



Manually turn the floodlight ON/OFF as well as adjust the brightness.

### Playback Screen

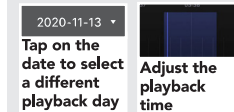


Return to Live View



Mute sound

Full screen



2020-11-13  
Tap on the date to select a different playback day

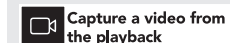
Adjust the playback time



Capture a photo from the playback



Pause playback



Capture a video from the playback

### Usage Guide

Tap **⋮** to access the below features\*:

- Tap-to-Run and Automation: Use this to see any automations that are set up that use your camera with twin floodlight and siren.
- Basic function settings: Includes adjusting between one-way and two-way audio as well as screen flip [for ceiling mounted product].
- Detection alarm settings: Turn on the motion detection alarm and if desired set this to be turned on to a specific schedule. Activity zones can be accessed here.

- Siren Adjustment: Adjust the siren volume and duration.

- Storage settings: Control the video recording options. Use this section to view the capacity of the installed micro SD card [if equipped] as well as adjust whether the camera records continuously or only for motion events.

In addition recording schedules can be set, or the SD card can be formatted. Note that if the SD card is formatted it will remove any existing data on the card.

- Share device: Use this section to share access to this camera with others.
- Remove device: Use this to remove the device from the Grid Connect app. If you need to re-pair the device to a new Wi-Fi network [or have a new Wi-Fi password] remove the device from the app then re-pair following the pairing instructions at the front of this booklet.

*\*Product functions and menus may change over time due to app or firmware updates. Please contact our customer service team if you need assistance with any product functions.*

## 8 INSTALLATION

### PREPARATION

Power on and pair your camera inside the house before installation. Before choosing your preferred installation location, check the Wi-Fi strength/coverage to ensure the floodlight camera is fully functional.

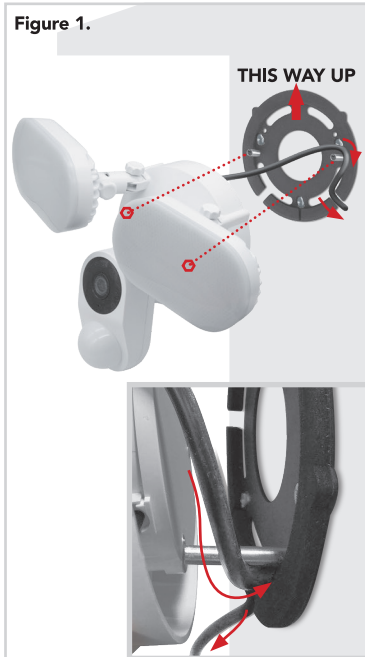
Avoid exposing the floodlight camera to direct sunlight or very wet environments. Under eave location is recommended (figure 2). Ensure there is adequate cable cord length to connect to a mains power socket.

**This product is DIY but can be hardwired by a certified electrician if desired.**

### UNDER EAVE MOUNT

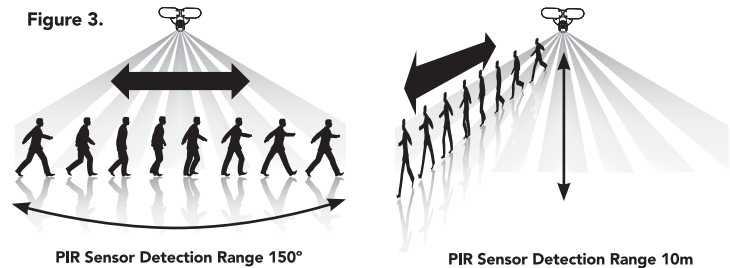
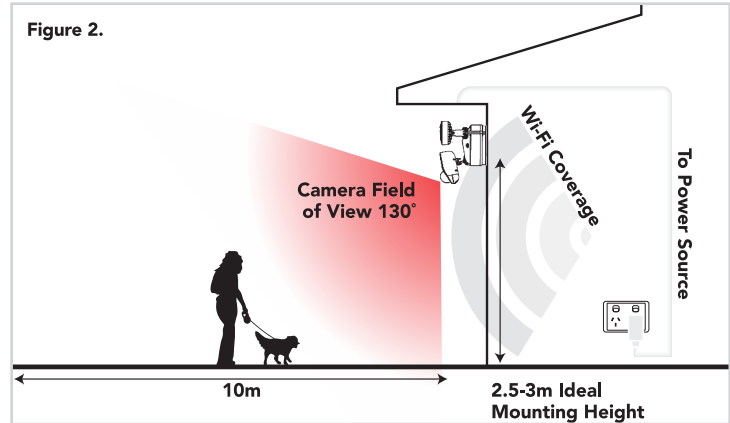
1. Remove the mounting bracket from the floodlight camera. Use the mounting bracket or drill template supplied to mark the screw positions under your eave. Drill holes with a 6mm drill bit, and then insert the wall plugs into the holes. Use the screws provided to install the mounting bracket on the wall.
2. Run the power cord through the slot in the mounting bracket. (Figure 1.)
3. Place the floodlight camera against the mounting bracket. Tighten the two hex socket cap screws through the two holes of floodlight camera to lock it securely.
4. Insert the plug into an indoor or weatherproof mains power socket (extension cord might be required).
5. Adjust the camera head slightly downwards to optimize the motion detection range. Do not aim the PIR sensor towards the sun.

**Note:** The scanning specifications (10m at 150° scan) may vary slightly depending on the mounting height and location (figure 3). The detection range of the unit may also alter with temperature change.




### POSITIONING THE CAMERA

1. Adjust the camera's orientation. Make adjustments with the help of the Grid Connect app until you have the the desired live view.



**Note:** Motion detection more accurate to parallel movement

## 9 TROUBLE SHOOTING

<p><i>What can I do if I fail to pair my GRID Connect device?</i></p>	<ol style="list-style-type: none"> <li>1. Check your mobile device is connected to a 2.4GHz Wi-Fi network, refer to below question for how to check Wi-Fi network frequency</li> <li>2. Check password entered is correct and the same Wi-Fi network is used on the mobile device as the device being paired</li> <li>3. Check GRID Connect device is in pairing mode, the status light is red and rapidly blinking (approx 2 times per second).</li> <li>4. Check the internet connection on your Wi-Fi network by browsing any website</li> </ol> <p>If your problem persists, please refer to GRID Connect website or contact Customer Service team (detail below) for further assistance</p>	<p><i>Do our current GRID products support AC routers?</i></p>	<p>YES - AC routers support both 2.4G and 5G connections. Please connect your Grid Connect device to the 2.4G Wi-Fi network. Some AC router by default use the same network name for both 2.4G and 5G signals, please refer to your router manual to allocate a separate name for the 2.4G network.</p>
<p><i>How can I find out whether my network is 2.4GHz?</i></p>	<p><b>For iPhone User</b></p> <ol style="list-style-type: none"> <li>1. Navigate the Settings menu and click on Wi-Fi. The suffix of your network may be denoted by either a 2.4G or 5G</li> <li>2. If you are having trouble finding out if you are on a 2.4GHz Wi-Fi network, it will be necessary to check your router specifications. For more information on this process, please consult your specific router's manufacturer or user manual for more details</li> </ol>	<p><i>If I forget my GRID Connect app account password, how can I reset my password?</i></p>	<p>If you forget your password, you can tap <b>forgot password</b> and enter your GRID Connect registered account details to get a verification code and reset your password</p> <p><b>No</b> - they do not need to be in the same room, but it is recommended to pair the GRID Connect device as close to the router as possible to assist with a successful pair</p>
	<p><b>For Android User</b></p> <ol style="list-style-type: none"> <li>1. Navigate the Settings menu and click on Wi-Fi</li> <li>2. Tap the connected Wi-Fi network and the system will show the Wi-Fi Frequency</li> </ol>	<p><i>I want to pair my camera and it isn't in pairing mode, how do I put it into pairing mode?</i></p>	<p>Press and hold the reset button for 5 seconds. The status light should now be red and blinking rapidly to indicate it is ready for pairing</p>
<p><i>What can I do if I cannot scan the QR code or don't hear the prescribed beep</i></p>	<ol style="list-style-type: none"> <li>1. Ensure the status light is red and rapidly blinking (approx 2 times per second) before scanning QR code</li> <li>2. Ensure your Wi-Fi network is correct by checking the above sections</li> <li>3. Ensure to keep your smart phone 15cm to 20cm away from your camera</li> <li>4. It may take several seconds to scan QR code</li> </ol>	<p><i>Why isn't my light turning on when the floodlight camera detects motion?</i></p>	<p>The lights only turn on when motion is detected after dusk. Check the PIR sensor is enabled by selecting PIR  in the app. You can also setup automation in the GRID Connect app to choose how the product responds, automatically.</p>

Visit our website for further Online Assistance or contact our Customer Service Team



[grid-connect.com.au](https://www.grid-connect.com.au)



1300 267 168  
(toll free)

## • WARRANTY

Arlec guarantees this product in accordance with the Australian Consumer Law and all other applicable Australian and New Zealand laws that are unable to be excluded.

Arlec also warrants to the original first purchaser of this product ("you") from a retailer with which this document is given that this product will be free of defects in materials and workmanship for a period of 12 months from the date of purchase; provided the product is not used other than for the purpose, or in a manner not within the scope of the recommendations and limitations, specified by Arlec, is new and not damaged at the time of purchase, has been maintained in accordance with the recommendations specified by Arlec, has not been subjected to abuse, misuse, neglect or damage, has not been modified or repaired without the approval of Arlec and has not been used for commercial purposes ("Warranty").

If you wish to claim on the Warranty, you must, at your own expense, return the product, and provide proof of original purchase and your name, address and telephone number, to Arlec at the address below or the retailer from whom you originally purchased the product within 12 months from the date of purchase.

Arlec will (or authorise the retailer to) assess any claim you may make on the Warranty in the above manner and if, in Arlec's reasonable opinion, the Warranty applies, Arlec will at its own option and expense (or authorise the retailer to) replace the product with the same or similar product or repair the product and return it to you or refund the price you paid for the product. Arlec will bear its own expenses of doing those things, and you must bear any other expenses of claiming on the Warranty.

### **For goods purchased in Australia (only):**

The Warranty is in addition to other rights and remedies you may have under a law in relation to the product to which the Warranty relates.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

### **For goods purchased in New Zealand (only):**

The Warranty is in addition to, and does not affect, other rights and remedies you may have under a law in relation to the product to which the Warranty relates.

Our goods come with guarantees that can only be excluded under the New Zealand Consumer Guarantees Act 1993 to the extent you are acquiring the product for a business purpose and it would be fair and reasonable for Arlec to contract out of those guarantees.

Arlec Australia Pty. Ltd. ACN 009 322 105 gives the Warranty for goods purchased from a retailer in Australia by you and Arlec New Zealand Limited NZBN 9429030738294 gives the Warranty for goods purchased from a retailer in New Zealand by you (collectively Arlec).

Arlec's telephone number, address and email address for purposes of giving the Warranty are:

Telephone Number:

**1800 826 859 (in Australia) • 0800 003 329 (in New Zealand)**

Street Address:

**Building 3, 31-41 Joseph Street, Blackburn North, Victoria, 3130, Australia**

Postal Address:

**Blackburn North LPO, P.O. Box 1065, Blackburn North, 3130, Australia**

Email: [cs@arlec.com.au](mailto:cs@arlec.com.au)

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