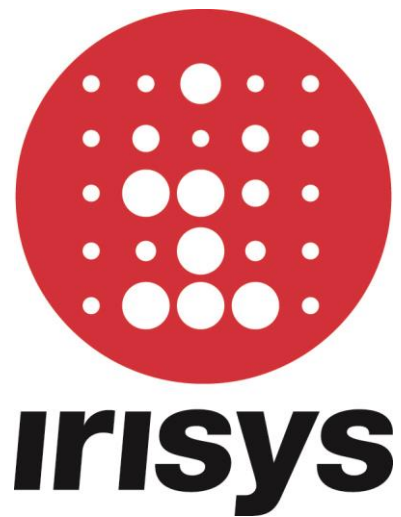


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Irisys People Counters

Technical Bulletin



16th July 2015

Issue: **12**

Gazelle Relay Only Version Now Available

By now, customers currently using 3000 series relay output units will all have received notice of the replacement of these units with the new equivalent Gazelle relay units.

Firstly the facts:

The **IRC3020**, 60 degree relay unit, has now been **replaced** by the **IRC5206-MW** Gazelle unit.

And, the **IRC3021**, 40 degree relay unit, has been **replaced** by the **IRC5204-MW** Gazelle unit.

The full list of all 3000 series indoor units, and the equivalent Gazelle series units, is shown below.

3000 Series	Relay Outputs?	Relay Inputs?	IP Enabled?	Dualview Capable?	Lens Variant		Equivalent Gazelle	Relay Outputs?	Relay Inputs?	IP Enabled?	Dualview Capable?
IRC3020	Y	-	-	-	60°	=	IRC5206-MW	Y	Y	-	-
IRC3021	Y	-	-	-	40°	=	IRC5204-MW	Y	Y	-	-
IRC3010	-	-	Y	-	60°	=	IRC5706-MW	Y	Y	Y	-
IRC3011	-	-	Y	-	40°	=	IRC5704-MW	Y	Y	Y	-
IRC3030	-	-	Y	Y	60°	=	IRC5716-MW	Y	Y	Y	Y
IRC3031	-	-	Y	Y	40°	=	IRC5714-MW	Y	Y	Y	Y
IRC3000	-	-	-	-	60°	=	IRC5106-NW	-	-	-	-
IRC3001	-	-	-	-	40°	=	IRC5104-NW	-	-	-	-

The 3000 series units marked in green can be replaced with any of the Gazelle series also marked in green. This is because *all* Gazelle masters have two relays on board, and it therefore means that you don't have to use *just* the basic relay-only devices. If you want to, you can now take advantage of full IP connectivity, whilst still using the relay outputs interfaced with your existing data logger on site. With an IP connection too, you'll be able to do perform remote setup, integrate units with Estate Manager (for immediate error reporting, etc.), and do accuracy Validations, when using Dualview capable units. This is a great way to offer your customers improved service, minimal downtime, and a full IP-only upgrade path in the future.

It should be noted that, in line with other Gazelles, these relay devices are master-only units, and you will need separate node units (highlighted yellow, above) when constructing a wide opening network of two or more counters. The node units required for use with relay masters are exactly the same ones that are used with IP enabled masters and means that regular users of both IP and relay only need to keep one type of node in stock for when you need to install a wide opening network (or two, for both 60 and 40 degree version nodes).

As well two relay outputs, each Gazelle master also has two relay **inputs** which you can connect other relay outputting devices to. This means that they can accept additional data sources such as beam breaks, car park loops, RFID readers, etc. and the counts from these inputs will be stored alongside the internal count line registers for later retrieval over IP (or for outputting again via the relays - potentially inverting or converted to a different pulse width, if required).

To enable the relay inputs you may need a Firmware Update: available from the partner portal.

Don't forget that all Gazelle units are also available in black as well as white. Just change the W at the end of the part number to a B, so a white IRC5206-MW becomes a black IRC5206-MB.

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Telephone: +44(0)1604 594200 Fax: +44(0)1604 594210 e-mail: support@irisys.co.uk web: www.irisys.co.uk

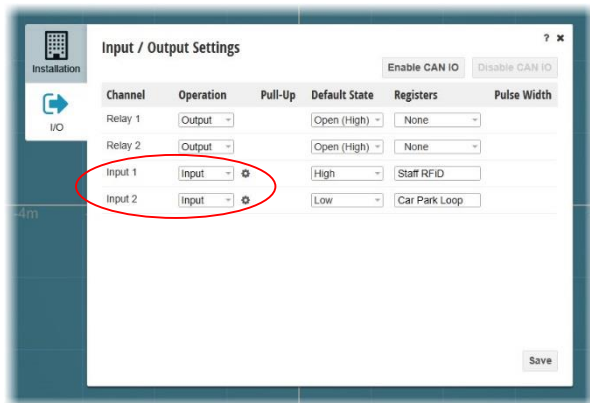
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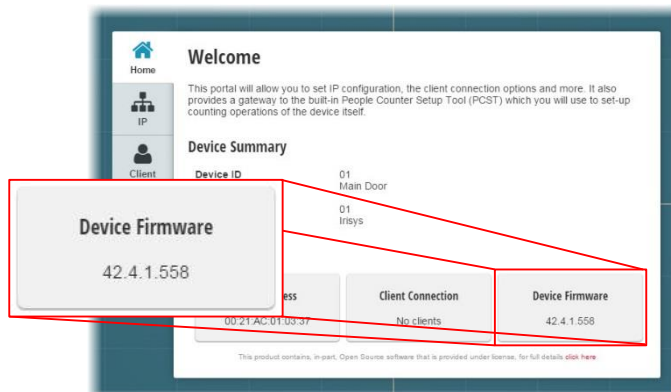
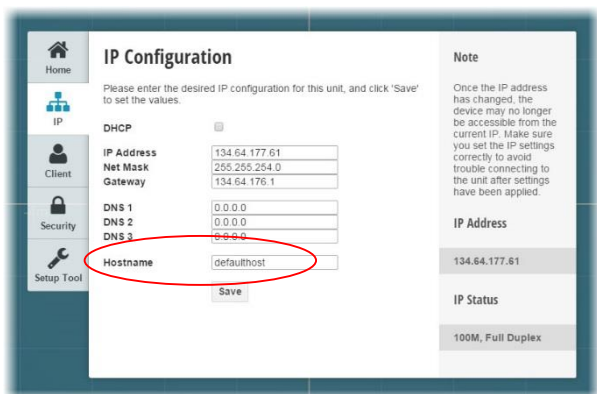
Gazelle Firmware Update Now Available

The latest Gazelle Firmware Update is now available from the Irisys Partner Portal as normal. This update adds the following functionality:

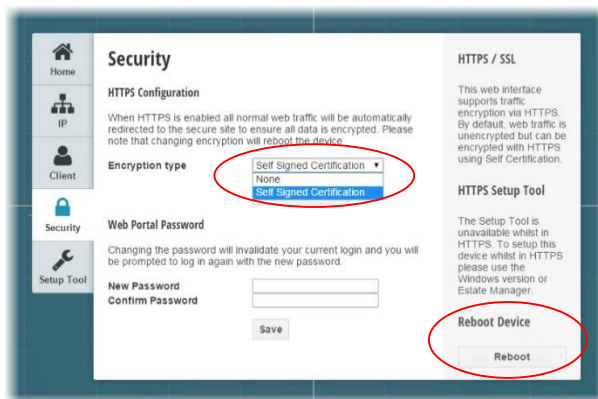
- Enables the on-board 'FET' inputs



- Hostname support



- HTTPS Support
- Option to Reboot Remotely through web setup tool connection



Latest People Counter Software/Firmware

Make sure you're up to date with all the latest software and firmware in order to benefit from all the latest features. Items marked with an * have been recently updated.

People Counter Setup Tool (PCST) (SW) (Gazelle & 3000 Series)	* 4.1.417.1
Validation Tool (SW) (Gazelle & 3000 Series)	* 4.1.417.1
Estate Manager	* 1.3.428.2
Gazelle (FW)	* 42.4.1.558
Task Launcher (NEW SW required for updating Gazelle FW)	1.0.60722.2
Counter Head, 3000 series (DSP) (FW)	42.4.X.486
IP Counter IP, 3000 series (FW)	4.0.2.31110
IP Counter Web enabled on-board setup tool, 3000 series (PCST) (FW)	3.0.41019.1
Firmware Upgrader II Software (FUII) (for updating 3000 series FW)	1.3.0.7
Irisys USB to serial Adapter drivers	* 2.08.30

All downloads are available from the Irisys Partner Portal as usual:

<http://partnerportal.irisys.co.uk/>

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