



Digital DTD Controller V1.8



Warranty valid from date of manufacture.

## Simulate natural light cycles in your livestock barns

With a simple and easy-to-use interface, our DTD (Dusk till Dawn) Digital Controller (V1.8) creates 'natural' lighting patterns configurable by species, lifecycle stage and welfare requirements.

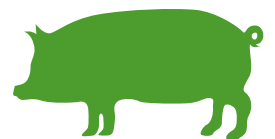
### Benefits to the farmer

- Customisable lighting levels encouraging more natural behaviour and mobility.
- Creates a cadence of daylight for increasing welfare and productivity.
- Improve overall livestock health through natural lighting patterns.
- Five on-off cycles over two independent channels (ten in total) in a 24-hour period.
- Programmable and variable fade-in and fade-out cycles.
- Switch to ALIS Blue Lamp (see reverse) for poultry catching phase.

### DTD Controller features

- Lighting boost function to override the lighting intensity for a preset duration.
- Two independent lighting controls for manual and automatic lighting patterns.
- Simple mode setting switches for single channel or two channel operation and enhanced lighting pattern.
- Control up to four lighting cables per channel (eight cables in total).
- Power supply failure alarm.
- Smooth dimming effect.

Digital DTD Controller is suitable for poultry and swine.



## Technical specifications

Fully Dimmable (1% to 100%)	Yes
Power Supply	85vac–250vac 50/60Hz
Input	12vdc UPS power supply
Lighting Control Output	0-10v signal
Only for use with ALIS power supply	Yes
Operating frequency (input voltage)	CE (230V 50Hz AC)
Power Factor	>0.95
Weight	500g

## Environmental specifications

Approvals	CE
Production types	Poultry and swine
Warranty	2 years

Approval and certifications



To view our patent information visit:  
[www.greengage.global/patents](http://www.greengage.global/patents)

## How the DTD Digital Controller integrates into the ALIS broiler package based on 18m X 90m shed

ALIS is powered by patented induction technology

ALIS Barn Lamp wide beam angle.

ALIS Cable.

Wiska junction boxes terminated using the built-in 'short' (for cable less than 100m). Cable lengths 100-150m require ETM termination.

ALIS Blue Lamp for the catching phase.

Digital DTD Control Panel.

Power Hub Panel, two channel.

Power Hub Panel closed. Can include ALIS Blue Lamp switch.

### Summary of the materials required

SKU	Description	Quantity
GGL2005-01	ALIS Barn Lamp	100
GGL2009-01	Power Hub Panel, 2 channel	2
IP66BOX	Wiska J/Box	4
IPCB	ALIS Cable	500
ALS0049	ALIS DTD Control Panel V1.8	1
ETM	End Termination Module	4
GGL-BLUE	ALIS Blue Lamp	15

GGL-November-2018 • Specifications can be subject to change.