



IDRATEK

INTELLIGENT AUTOMATION

QBI-001

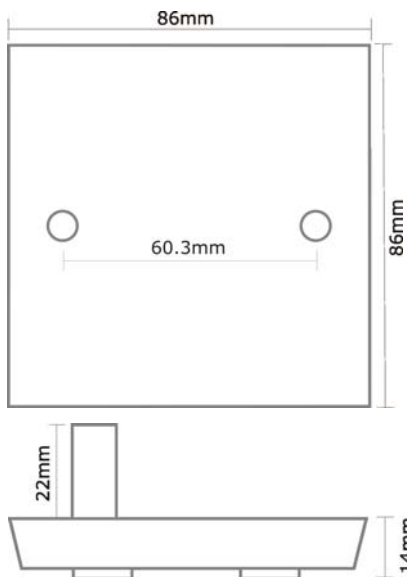
4 General Purpose Button Inputs

IDRATEK LTD
8 Clanfield Court
Newcastle Upon Tyne
NE3 1TZ
UK

t: +44 191 2840686
w: www.idratek.com

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The QBI-001 is a general purpose button and LED input/output module. It may be used to provide general user interface functions, for example to duplicate certain user interaction functions at more convenient locations, or for example to separate entirely the location of a switching function from the input function.



Physical

- 4x Click Effect Push Button Inputs (digitally filtered)
- 4x LED Indicator Outputs

Functional

- All input and output states can be interrogated at any time
- Highly flexible static LED state modification eg. WRITE/SET/CLEAR/TOGGLE any group or individual
- Module start-up LED states are user programmable
- Powerful programmable dynamic LED controls include:
 - Single shot: Delay, activity time, post activity state
 - Toggle: Period, duration
 - PWM: Mark, space, duty cycle
- All buttons can provide independent event triggers with mode programmable trigger gating:
 - Eg: trigger on press, trigger on release, trigger on either transition, trigger and latch
- Each event trigger can generate a pre-defined response and/or several user programmable responses.
- Module Initialise trigger
- Status indicator LED
- Fully IDRANet Compatible

Electrical

- Operating voltage 12-15V DC
- Current consumption 20mA (nominal)

Environmental

- Operating temperature -10°C to +45°C
- Operating humidity 5% to 95% (non-condensing)

Mechanical

- Designed to fit UK standard 35mm deep electrical pattress
- 60.3mm fixing centres using standard M3.5 screws

Module Connections (Rear)

