

# KCU-42

## Wi-Fi Remote Communication Module

### Features

- Only compatible with Kutai controllers that support remote monitoring and control ability.
- Remote monitor and control through PC, Tablet or Smartphone by using Monitoring Software
- Supports Bluetooth mode for quick connection to Wi-Fi routers
- Status Indication LEDs
- Transmitted data encrypted with Primary/Session key
- 1 administrator and up to 7 viewers
- Complies with IEEE 802.11 b/g/n standards
- Internal communication module certified by FCC (USA), IC (Canada), CE (EU), WFA (Wi-Fi Alliance), TELEC (Japan), and SRRC (China)



### Module Specifications

|                          |                     |
|--------------------------|---------------------|
| <b>Power Input</b>       | 5 Vdc               |
| <b>Power Consumption</b> | Less than 1.5 watts |

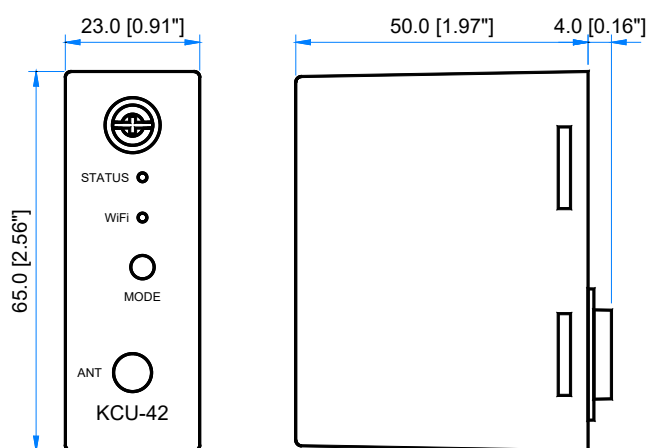
### Environment

|                              |                       |
|------------------------------|-----------------------|
| <b>Operating Temperature</b> | -20 to +60 °C         |
| <b>Storage Temperature</b>   | -30 to +70 °C         |
| <b>Relative Humidity</b>     | Max. 95%              |
| <b>Vibration</b>             | 3.0 Gs @ 100 to 2K Hz |

### Antenna Specifications

|                           |                                   |                        |                             |
|---------------------------|-----------------------------------|------------------------|-----------------------------|
| <b>Wireless Standards</b> | 802.11b / 802.11g / 802.11n       | <b>Connector</b>       | SMA Male RS                 |
| <b>Frequency Range</b>    | 2402 – 2480 MHz                   | <b>Antenna Size</b>    | 200 x 13 mm                 |
| <b>Antenna Gain</b>       | 5 dBi                             | <b>Antenna Weight</b>  | 68g +/-2% ( 0.15 lb +/-2% ) |
| <b>Antenna Impedance</b>  | 50 ohms                           | <b>Cable Length</b>    | 1.5 M (Standard)            |
| <b>Typical Range</b>      | 150 M (Indoor)<br>250 M (Outdoor) |                        | 2 M / 3 M (Option)          |
|                           |                                   | <b>Mounting Method</b> | Magnetic Mounts             |

### Dimensions



Unit : mm [inch]

### Physical Specifications

|                   |                                                                          |
|-------------------|--------------------------------------------------------------------------|
| <b>Dimensions</b> | 65.0 (L) x 23.0 (W) x 54.0 (H) mm<br>2.56 (L) x 0.91 (W) x 2.13 (H) inch |
| <b>Weight</b>     | 42 g +/-2%<br>0.093 lb +/-2%                                             |

### Compatible Controllers

ATS-245/385/465/332/342/245A  
GCU-100  
AMF-10  
BTB Type ATS



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