

## uBot-SCU A10

### Feature

- Low height, which can detect the bottom of most vehicles
- Reliable and stable, easy to operate
- Rapid assignment and respond
- Multi-channel cameras, wide detection range
- Real-time display and enlarge image
- Dimming smartly according to the brightness of environment
- Obstacle avoidance function
- Customized development



### Spesification

| System                    | Performance Indexs         | Parameters                                                    |
|---------------------------|----------------------------|---------------------------------------------------------------|
| Robot subsystem           | weight                     | 13Kg                                                          |
|                           | size                       | 100mm×340mm×400mm                                             |
|                           | Camera                     | Low-LUX CCD, 10x optical controllable zoom                    |
|                           | cloud deck                 | 2DOF(left-right, up-down)                                     |
|                           | Obstacle avoidance ability | 2PSD                                                          |
|                           | electronic compass         | Course angle 0°~360°                                          |
|                           |                            | Angle of pitch-60°~60°                                        |
|                           | Maximum impaction          | 100g                                                          |
|                           | speed                      |                                                               |
|                           | Load capacity              | 10kg                                                          |
|                           | climbing angle             | 10°                                                           |
|                           | Waterproofness             | Splashproof                                                   |
|                           | Sensor system              | Current, voltage, temperature, obstacle avoidance             |
|                           | Battery                    | Lithium battery                                               |
|                           | Working time               | 3~5 h                                                         |
| Remote terminal subsystem | Charging time              | 2h                                                            |
|                           | Communication              | Field 600m vehicle bottom 100m                                |
|                           | Image                      | Display 4 channel images, switchable                          |
|                           | Screen                     | 12" LCD, 1000 lux HB industrial screen, visual under sunshine |
|                           | Control                    | High quality swing handle                                     |
|                           | Battery                    | Lithium battery working time 3h charging time 3h              |
|                           | Control box                | Portable handheld or box-type                                 |

