

# INTELLIGENCE

World Leader in Supplying  
INTELLIGENCE Equipment and Training

## ROBOCOPTER

TA08010



\*Image is for illustration purposes only

|                              |    | status           | UNIT | RBCN QD<br>6000<br>PRODUCT | RBCN QD 8000<br>UNDER<br>DEVELOPMENT | RBCN QD 10XL<br>UNDER<br>DEVELOPMENT |
|------------------------------|----|------------------|------|----------------------------|--------------------------------------|--------------------------------------|
| Video                        | 1  | Color camera     |      | v                          | v                                    | v                                    |
|                              | 2  | 20X Zoom         |      | v                          | v                                    | v                                    |
|                              | 3  | 2nd Camera       |      | v                          | v                                    | v                                    |
|                              | 4  | HD               |      | x                          | v                                    | v                                    |
| Telemetry                    | 5  | flight height    |      | v                          | v                                    | v                                    |
|                              | 6  | flight speed     |      | x                          | v                                    | v                                    |
|                              | 7  | temperature      |      | x                          | v                                    | v                                    |
|                              | 8  | flight heading   |      | x                          | v                                    | v                                    |
| Payload Capability           | 9  | RS323/485        |      | x                          | x                                    | v                                    |
|                              | 10 | VDC 12           |      | x                          | v                                    | v                                    |
|                              | 11 | video In         |      | x                          | v                                    | v                                    |
|                              | 12 | lift capability  | Kilo | 1.5                        | 8                                    | 10                                   |
| Dimensions                   | 13 | height           | cm   | ~30                        | TBD                                  | TBD                                  |
|                              | 14 | width            | cm   | ~80                        | TBD                                  | TBD                                  |
|                              | 15 | 220 VDC          |      | v                          | v                                    | TBD                                  |
|                              | 16 | screen Size      |      | 10.1                       | 15                                   | 15                                   |
| control station (PC Laptop ) | 17 | multiple screen  | In   | x                          | v                                    | v                                    |
|                              | 18 | Video recording  |      | v                          | v                                    | v                                    |
|                              | 19 | control software |      | v                          | v                                    | v                                    |
|                              | 20 | climb rate       |      | 1                          | TBD                                  | TBD                                  |
| Power source                 | 21 | descent rate     | M/s  | 1                          | TBD                                  | TBD                                  |
|                              | 22 | forward speed    | M/s  | 15                         | 30                                   | 45                                   |
|                              | 23 | wind burst       | kph  | 10                         | TBD                                  | TBD                                  |
|                              | 24 | flight height    | kph  | 40                         | 120                                  | 120                                  |
| Flight Capability            | 25 | automatic winch  | m    | v                          | v                                    | v                                    |
|                              | 26 | gsm transmission |      | x                          | x                                    | v                                    |

### CONTACT US

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## TECHNICAL SPECIFICATIONS

|                                 |   |
|---------------------------------|---|
| <b>RF Characteristics</b>       |   |
| Output Power per band           | 4W (61W total)  |
| Internal Modulation             | FM Hopping frequency  |
| Signal Source                   | PLL synthesized   |
| Power Supply                    | 220VAC / 12VDC  |
| Modules Per Unit                | 1-4 bands   |
| Remote Control                  | Infrared (option)   |
| Antenna                         | External Omni-Directional   |
| <b>Jamming Frequency Bands</b>  |   |
| Frequency Bands                 | 851/869-894 MHz<br>925/935-960 MHz<br>1805-1880 MHz<br>1930-1990 MHz<br>2110-2170 MHz |
| Air Interface Standards         | Digital : IDEN, TDMA, CDMA, GSM, UMTS<br>Analog : AMPS, MNT, N-AMPS, TACS             |
| <b>Physical Data</b>            |   |
| Dimensions                      | 400 x 380 x 160 mm  |
| Weight                          | (w/o batteries) Approx. 6 Kg  |
| <b>Environment of operation</b> |   |
| Operating Temp.                 | -20°C - 60°C  |
| Humidity                        | 5% - 80%  |
| <b>Optional Accessories</b>     |   |
| Rechargeable Battery            | Yes   |
| Control Cable Via PC            | None  |
| DC-DC Converter                 | +   |

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