SHEPHERD™ ULTIMATE
ALARM CONTROL PANEL

Crow
Electronic Engineering Ltd

Shepherd Ultimate is Crow's next generation of Security and Safety panel, offering the highest standards of reliability in data transmission via its multiple encrypted communication paths and advanced Cloud services suite.

Technical Specifications

Zones	Up to 128 Wireless Zones (ISM & DECT ULE)
Areas	Up to 4 Partitions (areas)
Users	Up to 64 users with codes and/or pendants
Arming Modes	Total, Stay, Latchkey, Duress, Bypass
Outputs	Up to 64 Wireless Outputs (ISM & DECT)
Visual Verification	Up to 16 indoor or outdoor PIRCAM detectors
Connectivity	4G/LTE, WI-FI, IP, FULL DUPLEX VOICE
RF Network Types	Two Way ISM bands 868Mhz (5 Radio Frequency Agility) DECT Audio and DECT ULE
Immunity	RF : AES 128 NETWORK : TLS
Operating Range	800 meters open space
Report Channels	Up to 8 report channels: TCP/IP, Wi-Fi, GSM/GPRS, SMS
Protocols to CMS	Crow Proprietary Protocol, SIA DC09 –SIA DCS
Programming	Via Web browser interface
Log Events	More than 2000 events
Time Zones	Up to 32 Time Zones
Mounting	Wall mount with front & back tamper protection
Power Input and Type	110V or 230V AC 50/60Hz – Internal AC/DC Adaptor 6V/2A
Battery Backup and Autonomy	Battery Pack 3.7V/2600mAh - Up to 24 hours / **Battery Charge Max Current:** Approx. 500mA
Dimensions & Weight (Inc. battery)	234 mm x 166 mm x 32 mm / 1.40Kg
Operating Temperature	-10° C to 55 °C
Compliance	EN50131 Security Grade 2 Class II
Model Reference	220059940