SHEPHERD™
ALARM CONTROL PANELS

	SHEPHERD PLUS P/N 220059840	SHEPHERD ULTIMATE P/N 220059940
Zones	Up to 64 Wireless Zones (ISM & DECT ULE)	Up to 128 Wireless Zones (ISM & DECT ULE)
Areas	Up to 4 Partitions (areas)	
Users	Up to 20 users with codes and/or pendants	Up to 64 users with codes and/or pendants
Arming Modes	Total, Stay, Latchkey, Duress, Bypass	
Outputs	Up to 32 Wireless Outputs (ISM & DECT)	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	500 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 8 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	