

10000

POWERKEY ULTIMATE

STANDARD FEATURES

- Supply voltage 12-24v
- 10 soft rubber molded buttons
- Sealed IP68
- Improved thermal dissipation
- CAN J1939 / RS-485 Protocol compatible
- Total of 28 RGB indicators fro entire keypad
- Laser etched icons and text for each button
- 8 centre keys each with 3 RGB indicators - (Colours controlled by CAN message)
- 2 side keys with 2 RGB indicators - (Colours controlled by CAN message)
- Each key has separate bright white backlighting LEDs with global intensity dimming
- Low Profile
- Compact
- Pad Print
- UV Protected

SOFTWARE FEATURES

- CAN and RS485 keypad addresses
- CANopen Communications Protocol
- On / Off, momentary, toggle, scroll/step functions programmable for each key
- Legacy Firmware support for previous installations
- ECS firmware for user programmable features using C based scripting language
- CRM firmware for simplified Can configuration using GEC Software utilities

HARDWARE FEATURES

- Flush-mount or Front-mount
- Vertical or horizontal mount
- Custom painting of individual button regions
- Available in fixed legends
- Connector options include: Deutsch, Amphenol or M12
- Over 1000 icons available
- IP68 Rated



FLEXIBLE - SMART - RUGGED

SPECIFICATIONS

ELECTRICAL

Supply Voltage	12/24 VDC Nominal (8-32VDC)
Standby Current	<50 mA
Communication BUS	RS-485, CANopen, J1939

MECHANICAL

Connector	Deutsch DT04-4P, Molex 19418-0004, Micro-C and more
Switch Life	3 Million operations
Mechanical Shock	X, Y, Z 50Gs 11ms
Vibration	X, Y, Z 10 - 150Hz 0.15mm amp
Mounting Studs	#10-32 CDS-510 phosphor bronze, electroplated bright tin
Keypad	Silicone rubber with polyurethane hardcoat
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Thermal Shock	-40° to +72°C @4°C/Min
Humidity	0 to 98% (no condensation)
UV Protection / Salt Spray	UVB 400 hours / Per ASTM B117
Chemical Resistance	DEET, Engine Cleaner, Isopropyl Alcohol, Suntan Lotion, Multi-Purpose Cleaner, Orange Citrus Cleaner
Ingress Protection	IP68/NEMA6
Size (Millimetres)	127mm x 63.5mm
Weight (Grams)	120g

DIMENSIONS

