The lightweight cap lamp with all your communications requirements

- RFID Tag
- VHF or UHF Radio
- PED Text Pager
- Safety
- Productivity
WHAT IS ICCL?
A new generation of cap lamp that also offers you a choice of communications and Personal Protective Equipment (PPE) options. Hence the name, ICCL – Integrated Communications Cap Lamp. ICCL uses the latest Lithium-Ion battery technology to provide long duration battery life for a fraction of the weight of older lead acid or NiMH powered cap lamps.

WHY IS IT BETTER?
Not only is the ICCL smaller and lighter than other cap lamps, but within its sealed casing various smart electronic options are available. Such as the RFID electronic Tag and/or PED® personal pager and/or radio, plus the soon to be released VoIP Phone Module. Having these communication devices contributes to personal safety and productivity. Having them integrated into a sealed housing ensures their protection and long term reliability.

Duration: Suitable for 12 hour shifts
Weight: 750g (1.6lb) Lamp only
950g (2lb) with PED® & Tag
Size: 140mm (5½") wide
x 120mm (4½") high
Ergonomics: Hip hugging curved design
User selectable lamp cord exit point
Use on left or right hip
Options: With any combination of PED®, Tag & Radio
PTO: 7.4v/0.3A
Temp Range: -20°C to +60°C (LCD -5°C to +60°C)
Watertight: IP67
Soft Start: Increases bulb life
Diagnostics: Full battery management system interfaced to LCD display.
Battery fuel gauge with battery low warning and indication.
Battery Cells: Advanced Lithium-Ion
Compatibility: With most existing cap lamp systems (minor modifications may be necessary)
Approvals: Coal mine approved.

1/3 THE WEIGHT & SIZE OF EXISTING UNITS
ICCL is a breakthrough in cap lamp technology.
ICCL provides the solution on how to ensure an underground miner can carry all the necessary personal equipment without being weighed down.

Easy to install - Easier to wear
ICCL is easy to implement, simply fit to your existing charging racks with minor electrical modifications. In many cases it even uses your existing headpieces to minimize the cost to change over to ICCL.

Miners will notice the difference in weight and bulk of the battery pack. With more and more PPE (such as large SCSR’s) to carry, reducing the weight and bulk of a miner’s cap lamp and communication equipment offers significant OH&S advantages.

Turn all this...
RADIO
0.4kg/1lb
PLUS
PAGER
2.5kg/5lb
PLUS
TAG
0.2kg/0.4lb
PLUS
...into this!
ICCL
0.7-0.9kg

Mine Site Technologies Pty Ltd.
www.minesite.net