

Integrated Communications

# ICCL

Cap Lamp

# LIGHTWEIGHT

WITH HEAVYWEIGHT  
TECHNOLOGY



The lightweight cap lamp with all your communications requirements

- RFID Tag
- VHF or UHF Radio
- PED Text Pager
- Safety
- Productivity

# TECHNICAL SPECIFICATIONS

Integrated Communications

# ICCL

Cap Lamp

## 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 (5 1/2") wide x 120mm (4 1/2") 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.

## 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.



## 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.

**TURN ALL THIS...**

 <b>RADIO</b> 0.4kg/1lb <b>PLUS</b>	 <b>PAGER</b> 2.5kg/5lb <b>PLUS</b>	 <b>TAG</b> 0.2kg/0.4lb <b>PLUS</b>
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**...INTO THIS!**  
**ICCL**  
0.7-0.9kg



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