

# iFalconNET-900

Capability of remote support via bidirectional communication

TECHNICAL SPECIFICATIONS	
<b>Communication:</b>	Long-range transmitter- distance: up to 500m in free space Wireless specifications: Frequency 902-828 MHz or 2.402-2.482 GHz, user selectable Tx power: up to 1W 128-bit AES data encryption
<b>Enviromental:</b>	- Weight: 0.55kg (1.20lb)(including battery) - Sealing: IP68 - Intrinsically safe Li-Ion battery >28Wh for mission operation > 5h
<b>Operating temperature:</b>	176°F (80°C)>60 minutes 248°F (120°C)>30 minutes 392°F (200°C)>15 minutes -40°F (-40°C)>25 minutes
<b>Housing and Construction:</b>	Flame retardant Radel® and Anodized aluminum Color: Grey or other requested at the order
<b>Approvals:</b>	CE Marking CEI EN 60068-2-1 CEI EN 60068-2-2 CEI EN 60068-2-31 ETSI EN 301 489-1, ETSI EN 301 489-3 CEI EN 60529
<b>Included:</b>	- 1 iFalconNET-900 REPEATER - 1 External Li-Ion Battery for iFalconHP - 1 EL-BT-CRG-WP: Wall Plug Battery Charger - 1 Ethernet cable

Superiority in firefighting



Speed of action



Awareness of the extent of emergency



Information sharing



Centralized supervision of emergency operators

Repeaters positioned on the spot



Create your mobile network infrastructure on the spot

Video and data transmission



Field operations can now be directed remotely and in real time

Network monitoring



Avoid noise in audio and send on-screen written instructions during field operations

## Areas of application

Making communication possible in:

Mines and tunnels



High return facilities



Wide areas intervention



[www.ifalcon.eu](http://www.ifalcon.eu)



YouTube



Instagram

Patented in EU, US and China

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