



SECURITY

REAL TIME MONITORING

BOAT SAFETY

DIGITAL SERVICES



# FALCO MOORING

The **CONNECTED** mooring buoy with it's reachable **POLE**

“Falco, Partner of today’s Connected Marinas, joins forces with OTEC, a specialist in mooring solutions, to offer managers a complete solution that improves the management, safety and comfort of organized moorings.”

## The **OTEC** mooring buoy with **FALCO**’s technology

### Safe & easy maneuvering

- The mooring is easy to grab in all conditions — with its 4 1/2’ pole
- Reflector for night maneuvers — marine approved
- Informational tag: depth, speed limit, capacity, etc.

### Easy maintenance

- High Performance Textile (UHMWPE)
- UV protection of the core
- Removable pole & sensor

### Secured & eco-friendly mooring

- Universal mechanical joint
- Secured mounting plate with a locknut
- Compatible with eco-friendly mooring lines to avoid dredging



### Real-time management

- Boat presence detection
- Falco interface to monitor the occupancy of the moorings
- Compatible any MMS of choice (if API)
- Traffic analysis

### Boat safety

- Real time alerts: robberies, mooring line breakage, etc.
- Boat identification, if coupled with Falco Boat Monitoring sensor
- Deck and equipment safety

### Digital services

- Mooring reservation by QR code, app or website
- Available marketplace for boaters, to improve service offering and revenue.

### Technical features\*

Height (ft)	4 1/2'	Network technology	long range multi-hop & high reliability
Buoy's dimensions (l)	69 l / 129 l	Deployment	250 buoys per gateway, each buoy can be used as a relay
Tensile strength (daN)	15 000 daN	Autonomy	3 years on batteries
Recommended boat weight (T)	< 10 T	Sensor protection	IP67
Recommended boat length (ft)	< 50 ft		

\* Feasibility study based on specific technical conditions is available upon request

### Our references



More information

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