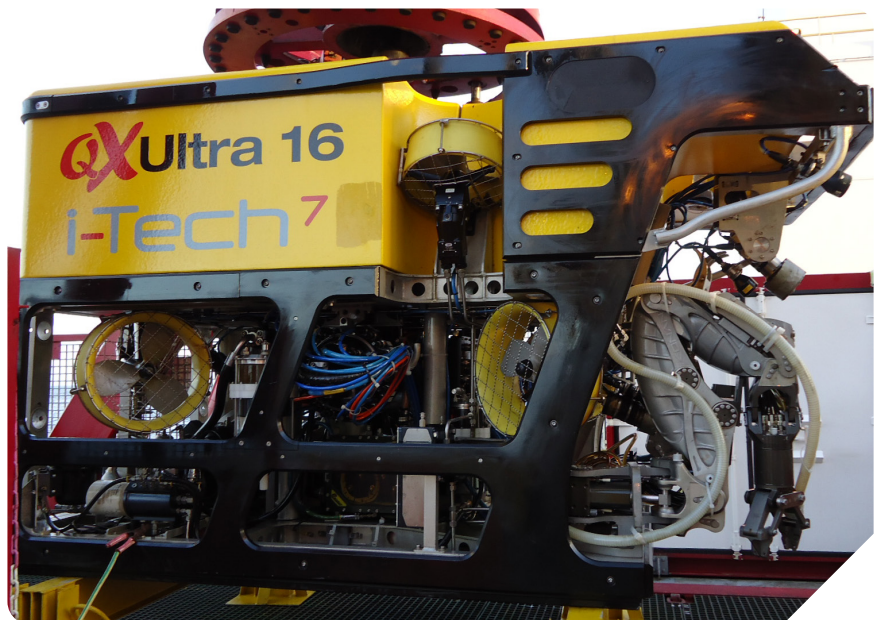


QX Ultra

Work Class ROV

i-Tech⁷



The QX Ultra is designed for deepwater drill rig and vessel support projects, utilising the latest technology for interfacing with the latest tools and instruments.

The QX Ultra offers unparalleled flexibility with the ability to tackle operations quickly and efficiently.

Key elements include:

- 3,000m depth rating
- 125hp and 150hp versions
- 3,300kg in air weight
- 250kg payload
- 4 vectored horizontal and 3 vertical Curvetech thrusters
- Up to 6 cameras available with dual channel HD video as an option. 3D video is optional
- Station keeping as standard
- Fly by wire options
- Top hat or Garage tether management system

i-TECH

PRODUCT OVERVIEW

Specifications

DIMENSIONS & WEIGHTS

Length	3,100mm
Width	1,800mm
Height	1,800mm
Weight in Air	3,300kg
Through Frame Lift Capacity	2,000kg
Payload	250kg
Depth Rating	3,000 msw

PROPULSION SYSTEM

The vehicle is propelled by 7 Curveteck HTE thrusters

Shaft power	125hp / 93kW
Forward	>800kgf
Vertical	>500kgf
Lateral	>800kgf

VIDEO SYSTEM

6 off SD cameras
2 off HD cameras Optional
Focus and zoom control
3D video optional

LIGHT OUTPUT (Available)

Provision of 9 250W LED or Halogen lamps

CONTROL SENSORS

Station Keeping	
Auto-heading	+/- 0.5°
Auto-depth	+/- 0.01%
Auto-altitude	0.025%
Fly by wire option	

INDICATION SENSORS

Heading	1.0°
Pitch and Roll	0.1°
Altitude	+/-0.025%
Depth	+/-0.01%
Water Ingress	
Low Oil Alarm	
Hydraulic Temperature	
Hydraulic Pressure	
Line Insulation Monitoring	
Vehicle Turns	

MANIPULATORS

Right-hand
- Conan 7P as standard
- T4 as option

Left-hand
- Rigmaster 5F as standard
- Atlas 7R or Conan 7R as option

VEHICLE CONTROL SYSTEM

DVECS II - PLC based distributed network with SCADA based topside control. Full diagnostic capability

FIBRE OPTIC SYSTEM

Focal 907V
6 SD cameras as standard
8 x RS232 and 4 x RS485 data channels as standard
Ethernet option
Full fibre diagnostic capability

SONAR

Tritech DST as standard
3D Blueview optional

GYRO COMPASS SYSTEM

CDL TOGS as standard with DVL for station keeping

LOCATION SYSTEM

4,000m Kongsberg MST342 Transponder

OPTIONAL TETHER MANAGEMENT SYSTEM (TMS)

Top hat or Garage
Powered TMS optional

Tether Capacity

- Standard 400m
- Optional 600m or 1,000m

ELECTRICAL SUPPLY REQUIREMENTS

Control Cabin	230KVA @ 380-480VAC
LARS	150KVA @ 380-480VAC

For further information contact: i-techproposals@subsea7.com