



COMMERCIAL DIVE ROV CONFIGURATION

P4 CD 300BASE



BASE CONFIGURATION OVERVIEW

THE P4 CD 300BASE Commercial Dive ROV System has been specifically configured for dive operations to quickly and effectively perform a variety of basic underwater inspection tasks. The easily deployable ROV can efficiently perform routine pre-dive site scouting observations while adding one more element of safety and quality control on deep and dangerous dive missions. Because the VideoRay ROV is so easy to operate and deploy, it is perfect for quick and /or emergency inspections down to 1,000 feet when suiting up a team isn't possible or required.



BASE SYSTEM COMPONENTS

- P4 ROV Submersible
- P4 Control Panel (Monitor Not Included)
- Standard Computer With 15 Inch Display
- VideoRay Cockpit Control Software Included
- Wireless Programmable Hand Controller
- Plug and Play Tether:
 - 100m (330 ft) Neutrally Buoyant Standard
 - Standard Capacity Tether Deployment System
 - Pelican 1620 Hard Case with Custom Packaging
 - Basic Tool Kit With Complete Ballast Set
 - Owners Manual
 - Sunshade
- Three (3) Days of Open Enrollment Training for One Operator



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P4 CD 300BASE SPECIFICATIONS

GENERAL SYSTEM

| | |
|-------------------------|---------------------------------------|
| Power Requirements | 800 watts, 100-240 VAC |
| Total System Weight | 55.1 kgs (121.4 lbs) |
| Cases | Three Watertight Rugged Pelican Cases |
| Owners Manual | Hard Copy & Online Digital |
| System Tool Kit | Basic Tool Kit |
| Communications Protocol | RS485 |
| Warranty | 2 year limited |

SUBMERSIBLE

| | |
|--------------|---|
| Depth Rating | 305m (1,000 feet) |
| Size | 37.5, 28.9, 22.3 cm (14.75, 11.4, 8.75 in) |
| Weight | 6.1 kgs (13.5 lbs) With Full Ballast Set |
| Ballast | No Tools Ballast System with Complete Brass Ballast Set |

Propulsion

| | | | |
|-------------------------|---|----------|---|
| 4.2 Knots Maximum Speed | | | |
| Horizontal | 2 Brushless Direct drive 100mm Propellers | Vertical | 1 Brushless Geared 65mm Propeller |

Camera

| | |
|-------------|---|
| Main | High Resolution - NTSC or PAL Format Color and B&W Wide Dynamic Range Digital Slow Shutter White Balance 20+ Real Time Camera Settings |
| Sensitivity | Color mode: .004 lux B&W mode: .0001 lux |
| View Angle | 90° Horizontal/140° Diagonal |
| Tilt | 160° Servo Control |

Lighting

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|--|--|
| (2) LED Array with 24 Emitters 3,600 lumens | Beam Spread Covers Entire Range of Main Camera |
|--|--|

Integrated Sensors

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|---|---|----------------------|
| 3D-Tilt Compensated Compass Accelerometer MEMS Gyro | Leak Indicator Water Temperature Internal Temperature | Operating Volt Meter |
|---|---|----------------------|

CONTROL PANEL

| | |
|--------------|--|
| Size | 53, 43, 22 cm (21,17, 8.5 in) |
| Weight | 16 kgs (35 lbs) |
| Computer | Standard Computer with 15 Inch High Resolution Screen Display |
| Software | Programmed with complete suite of VideoRay Cockpit Control software |
| Main Display | Available as an Upgrade on BASE Configurations |
| Controller | Wireless USB Programmable Hand Controller |
| Recording | Integrated Recording (.WMV format) One Button Hand Controller Video and Still Image Recording |
| Overlay | Date, Time, Depth, Heading, Customized Text, Logo |
| Video Out | Digital or Analog Composite |

TETHER

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|---|
| 100 m (330 ft) total length, Plug and Play Tether |
| 100m Standard Neutral Buoyancy Tether - 10mm diameter, 454 kg (1,000 lbs) breaking strength |
| Standard Capacity Tether Deployment System Enclosed in a Pelican 1620 Case with slip ring |

INTEGRATED ACCESSORIES

Inquire with an Authorized Sales Representative About Available Accessories For This ROV System



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