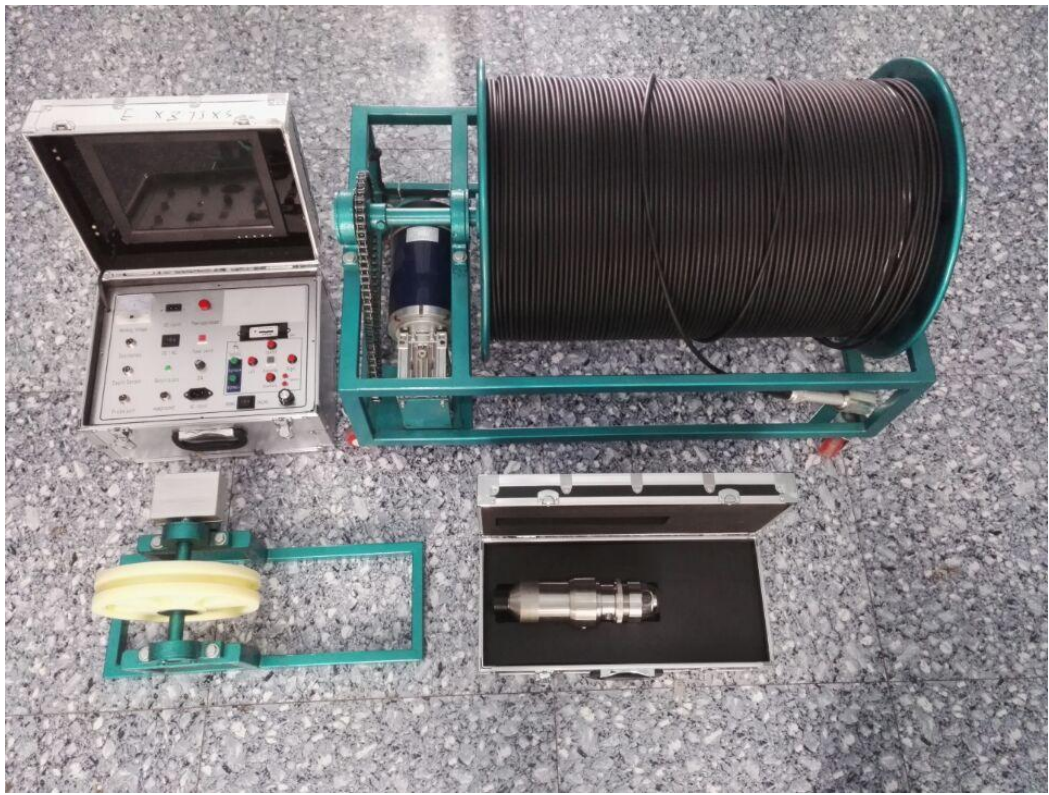


## AUSTRALIAN & NZ DISTRIBUTOR

Device Name	Pan & tilt borehole camera	Equipment Type	FLX-PT2000REC
Waterproof	IP68, up to 200 Bars(20 MPA)	Cable length	300-2000meters
			<p><b>The payment term:</b> Paypal, Western Union</p> <p><b>MOQ:</b> 1 unit</p> <p><b>Warranty:</b> 12 months</p>

### The Features

- \* Ø42mm PT camera head, pan 360° rotation, tilt 180° rotation
- \* LED & focus adjustable, stainless steel CCD camera, 720TVL
- \* IP68 waterproof ,up to 200 Bars(20 MPA)
- \* 300m-2000m polypropylene cable with electrical winch
- \* Electric winch winding speed adjustable
- \* Depth counter, the depth shows on the display, the depth accuracy: 0.05m and it supports depth reset
- \* 12inch LCD display
- \* control box with video recording function
- \* 16G SD card(max 32G) to storage video
- \* Power supply: AC220V

## Product parameters

---

This Water Well Downhole/ Borehole Camera is a great combination of modern technology and affordable price. It is well suited for inspecting various reservoirs, wells, borehole, downhole, shafts, pipes, tanks and other objects from the top down. It is equipped with a Ø42mm pan & tilt camera head enabling operators to receive a complete detailed image of the inspection area. The Ø42mm PT camera head supports 360degree pan rotation and 180 degree tilt rotation, and it is equipped with CCD sensors and 6pcs high-output long-lasting LED light allowing for capturing bright and detailed images even in poor lighting environments. The downhole camera heads are IP68 waterproof and withstand pressure up to 200 bar in water.

The Downhole Camera features a compact control unit with a high-resolution 12" LCD display. The inspection process can be viewed on the display right on site, captured as video files. All data can be saved on 16G SD card(Maximum 32G). The user-friendly interface offers various operation features, such as, the depth sensor, the winch operating knob, rotation control and so on.

The system works with Ø7.8mm modified polypropylene cables(6 wires inside, which can bear 280KG) of different lengths (from 300m to 2000m) that can be securely coiled on an electric operated reel. The motorized winch allowing for winding the cable up and down with different speeds(when 220V power supply), and the winch also can control by hand. Besides inspection findings, users can view depth, the depth accuracy reach to 0.05m and it supports depth reset.

The downhole camera works on a conventional AC220V / DC12V power supply. The winch can be operated by power, when it is AC220V power supply or DC12V Lead-acid batteries(Optional, when the cable less than 600m), or we can make it work with AC110V by a AC110V to AC220V converter.

# Product parameters

## Product parameters

<p><b>Features</b></p>	<ul style="list-style-type: none"> <li>* Ø42mm PT camera head, pan 360° rotation, tilt 180° rotation</li> <li>* LED &amp; focus adjustable, stainless steel CCD camera, 720TVL</li> <li>* IP68 waterproof ,up to 200 Bars(20 MPA)</li> <li>* 300m-2000m polypropylene cable with electrical winch</li> <li>* Electric winch winding speed adjustable</li> <li>* Depth counter, the depth shows on the display, the depth accuracy: 0.05m and it supports depth reset</li> <li>* 12inch LCD display</li> <li>* control box with video recording function</li> <li>* 16G SD card(max 32G) to storage video</li> <li>* Power supply: AC220V</li> </ul> <p><b>Optional functions:</b></p> <ul style="list-style-type: none"> <li>* Ø90mm/ Ø75mm pan &amp; tilt camera head (Optional)</li> <li>* Ø75mm/ Ø55mm down view camera head (Optional)</li> </ul>
<p><b>Pan &amp; Tilt Camera Head</b></p>	<ul style="list-style-type: none"> <li>* Ø42mm PT camera head, pan 360 degree rotation, tilt 180degree rotation,</li> <li>* LED &amp; focus adjustable</li> <li>* CCD camera, 720TVL</li> <li>* Pan 360° rotate endless, tilt 180°</li> <li>* Waterproof IP68 Operating depth 200 bars (20 MPA)</li> <li>* Camera Material: 304 stainless steel</li> <li>* Camera Lens Material: Explosion-proof optical glass</li> <li>* Sensor resolution: PAL 720Hx576V NTSC 720Hx480V</li> <li>* Camera LED: Front 6 pcs high bright LED</li> </ul>
<p><b>Down View Camera (Optional)</b></p>	<ul style="list-style-type: none"> <li>* Ø75mm/ Ø55mm down view camera head</li> <li>* CCD camera, 700TVL</li> <li>* Camera: Split galvanized iron probe, easy to dismantle</li> <li>* Camera lens: wear anti-reflective resin sheet</li> <li>* Waterproof IP68 Operating depth 200 bars (20 MPA)</li> <li>* Lens Angle view: 130 degree wide-angle</li> <li>* Camera Light: 8-12 high brightness LED cold light LED</li> <li>* Sensor resolution: PAL 720Hx576V NTSC 720Hx480V</li> </ul>

## Product parameters

<p><b>The Display</b></p>	<ul style="list-style-type: none"> <li>* 12" LCD display, 291*251*48mm</li> <li>* Display model 4:3</li> <li>* Contrast Ratio: 400: 1</li> <li>* Brightness: 450cd / m</li> <li>* Resolution: 1024 x 768</li> <li>* Power: DC 12V</li> <li>* Color System: PAL / NTSC / SECAM</li> </ul>
<p><b>Control Part</b></p>	<ul style="list-style-type: none"> <li>* Input voltage: 220V</li> <li>* Depth Interface: Connect depth sensor</li> <li>* Probe Interface: Connect the probe, transmit video and power</li> <li>* Data Interface: Write their own wells pound, self-calibration depth</li> <li>* Winch operating knob(adjusting speed, cable up and down, brake)</li> <li>* Camera rotation control button</li> <li>* LED brightness control button</li> <li>* Video record</li> <li>* Video storage Medium: 16G SD card(Max 32G)</li> <li>* the depth reset</li> </ul>
<p><b>Electric Winch</b></p>	<ul style="list-style-type: none"> <li>* Electric winch</li> <li>* Power supply: AC220V</li> <li>* Motor: permanent magnet DC motor,</li> <li>* Cable speed adjustable</li> <li>* the camera heads are removable</li> <li>* <math>\Phi</math>7.8mm normal polypropylene cable (300m-2000m optional)</li> <li>* Pulley: Pulley is with depth counter, the depth counter can be used when it is connected with the main control box, pulse: 500</li> <li>* Depth counter, the depth shows on the display, the depth accuracy: 0.05m and it supports depth reset</li> <li>* Winch tray: aluminum stop tray</li> <li>* Split docking probe: easy exchange of different sizes probe</li> </ul>
<p><b>Other Accessories</b></p>	<p>One Manual, a set of connecting cables, 5 pcs seals, a set of wearing parts</p>
<p><b>About the packing</b></p>	<p>wooden box</p>

## Product parameters

---

### Pan & Tilt Camera Head:

- 1) Ø42mm PT camera head, CCD camera, 720TVL
- 2) Pan 360° rotate endless, tilt 180°
- 3) LED & focus adjustable
- 4) Waterproof IP68 Operating depth 200 bars (20 MPA)
- 5) Camera LED: Front 6 pcs high bright LED



## Product parameters

---



LED OFF



LED ON



# Product parameters

---

## Down View Camera (Optional)

- 1)  $\varnothing 75\text{mm}/\varnothing 55\text{mm}$  down view camera head, CCD camera, 700TVL
- 2) Waterproof IP68 Operating depth 200 bars (20 MPA)
- 3) Lens Angle view: 130 degree wide-angle
- 4) Camera Light: 8-12 high brightness LED cold light LED



## The Connector of The Camera Head and The Cable

According to the requirements of Oil well logging industry, the connector adopts axial seal and cross-section seal, two - layer waterproof design, the pressure resistant is 15MPA.



## Product parameters

---



### The Display

- 1) 12" LED display, 291\*251\*48mm
- 2) Resolution: 1024 x 768
- 3) Color System: PAL / NTSC / SECAM;





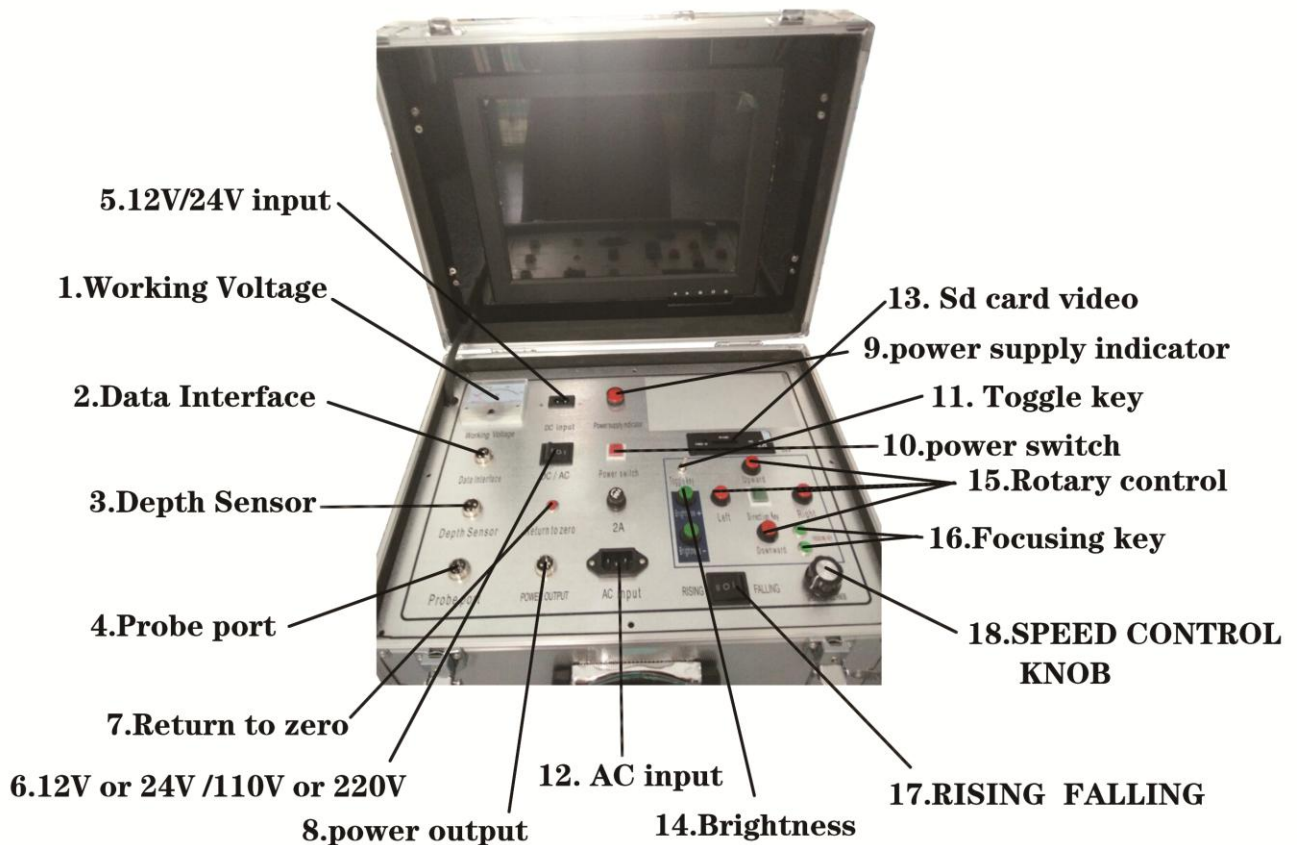
# Product parameters

## The Control Part

- 1) Input voltage: 220V
- 2) Depth Interface: Connect depth counter
- 3) Probe Interface: Connect the probe, transmit video and power
- 4) Data Interface: Write their own wells pound, self-calibration depth
- 5) Winch operating knob(adjusting speed, cable up and down, brake)
- 6) Camera rotation control button
- 7) LED brightness control button
- 8) HD DVR Video record
- 9) Video storage Medium: 16G SD card(Max 32G)
- 10) the depth reset



# Product parameters



## The Electrical Winch

- 1) Power supply: AC220V
- 2) Motor: permanent magnet DC motor
- 3) Cable speed adjustable
- 4) the camera heads are removable
- 5) Pulley: Pulley is with depth sensor, the depth sensor can be used when it is connected with the main control box, pulse: 500
- 6) Depth counter, the depth shows on the display, the depth accuracy: 0.05m and it supports depth reset
- 7) Winch tray: aluminum stop tray
- 8) Split docking probe: easy exchange of different sizes probe

## Product parameters



**The electric winch**



**The pulley with depth counter**

## Product parameters

---



**The Electric Winch with Auto Cable (Option)**

# Product parameters



Suite 77/278 Church Street  
RICHMOND VICTORIA 3121  
Ph 0421 474 658  
Email [sales@ieands.com.au](mailto:sales@ieands.com.au)  
Website [www.ieands.com.au](http://www.ieands.com.au)