



# ABEL HD-STP CAM 1K-200



The ABEL HD-STP 1K-200 Camera is the first underwater HD Camera capable to send videos through a classical shielded aluminium or copper twisted pair tether up to 400 m. This specific model includes a built in 1080p HD 30fps Sony sensor (1/2,8") that offers a live video with an extremely low glass to glass latency (<200ms).

Our 1K-200 HD Camera is also been fitted with a 3X Zoom combined with the manual/auto focus and the P-iris that guarantees always sharp shots in any hard environment you may dive in, even when you cannot illuminate the surroundings in a proper way.

### Performance

Resolution 1.920 (H) x 1.080 (V) FULLHD  
 Sensitivity 0,2 lux (F1.6)  
 Depth Rating 1000 metres

### Electrical

Scan Standard 1080p 30fps  
 Video Output HDMI (SDI optional)  
 Video transmission Over single twisted pair (400+ mts)  
 Ethernet and FO (SM or MM)  
 Power Input 16 to 30 V dc, 1500mA (max)  
 Control Zoom, Focus and Auto Focus from SCU

### Features

Auto White Balance  
 Over voltage and reverse polarity protection

### Optical

Lens 3mm to 9mm  
 Zoom 3x Optical Zoom  
 AOV in water Horizontal: 70°  
 Vertical: 40°  
 Diagonal: 80°  
 Iris Control Automatic P-Iris  
 Focus Range Front port to infinity (at wide angle)  
 800mm to Infinity (at narrow angle)

### Mechanical

Dimensions Diameter: 95mm - Length: 270mm (excl. connector)  
 Weight In air 2.00 Kg, in water 0.50 Kg  
 Housing Material Hard Anodized Aluminium Alloy 6000  
 Connector Birns FAWL-BH ( Seaeeye Falcon compatible)  
 Custom connector on request

