



Overview

With a design brief to build the toughest, most reliable 360 degree pan and tilt camera for aquaculture, Bennex engineers used their decades of experience in designing subsea systems and sealing technology to fulfil it. The BC300 is one of the only cameras on the market to offer continuous 360 degree pan and tilt rotation combined with unmatched image quality and light sensitivity

A camera's primary function in aquaculture is to help you identify feed pellets and observe fish response. It is absolutely critical that you have a camera that has no blind spots, and can provide a very high quality image in almost all light conditions.

Continuous 360° Pan and Tilt

Sliprings on both the pan and tilt axis mean the BC300 camera can spin continuously on both axis without any stops. This means no blind spots and the ultimate in flexibility.

All Polymer construction

All of the main components in the BC300 are advanced polymers such as POM-H and PEEK means there is no possibility for corrosion – a common long term problem on traditional designs of aquaculture camera. The latest BC300 cameras are now made with POM-H, rather than inferior POM-C. POM-H is an extremely hard polymer used in deep sea applications.

High Image quality

Using the very latest in low light camera technology provides an incredible image on both our colour and mono models. Colour cameras give you an extra dimension when viewing your stock and allow easier identification of feed pellets. For optimum use in low light conditions or at greater depths, the mono camera still cannot be beaten. Our BC306 camera provides the best of both worlds by switching from colour to mono when the light levels drop.

150m Depth rating

Every camera is individually depth tested to 150m before it leaves the factory

Wet mate connection

A heavy duty wet mateable connection system allows the camera to be easily disconnected from its cable.



Models	:	BC-302	BC-303	BC-305	BC-306
Video system	:	PAL *	PAL *	PAL *	PAL *
Mono/ colour	:	Mono	Mono	Colour	Colour
Resolution	:	570 TV Lines	570 TV Lines	570 TV Lines	570 TV Lines
Total Pixels	:	795 x 596	795 x 596	795 x 596	795 x 596
Viewing angle	:	90°	90°	90°	90°
Light sensitivity	:	0,001 lux	0,0001 lux	0,0001 lux	0,0001 lux
Pan / Tilt	:	360° / 360°	360° / 360°	360° / 360°	360° / 360°
Weight	:	Approx. 7,0 kg	Approx. 7,0 kg	Approx. 7,0 kg	Approx. 7,0 kg
Depth rating	:	150 m	150 m	150 m	150 m
Main materials	:	POM H, PEEK and titanium	POM H, PEEK and titanium	POM H, PEEK and titanium	POM H, PEEK and titanium
Power supply	:	12 – 24 V DC	12 – 24 V DC	12 – 24 V DC	12 – 24 V DC
Current (Max)	:	450 mA	450 mA	450 mA	450 mA
Connector	:	BH6MP	BH6MP	BH6MP	BH6MP
Bennex Part no	:	22.0002	22.0003	22.0005	22.0006

*NTSC Models available – please contact us for details

BENNEX

Bennex House, The Enterprise Park, Forres IV36 2AB, UK
Phone +44 (0) 1309 678270 Fax +44 (0) 1309 673215
aquaculture@bennex.co.uk

