

FBH01C-

Flameproof Camera housing



BWT is experienced in the manufacture of flameproof housings and pan & tilt heads, typically these are used in petrochemical, industrial, aerospace, offshore and other sites when video surveillance is required in areas where there is a risk of explosion because volatile gases, vapors, mists or dusts are present.

- ✧ ATEX certificated: EX d IIC T6
- ✧ Weather proof IP67 rated
- ✧ Each unit is individually pressure tested
- ✧ Housings include demister and sunshield
- ✧ Cost effective wiper option
- ✧ Any BWT telemetry receiver can internal fitted
- ✧ 110-230VAC and 12-24AC/DC available
- ✧ Camera and lens can be fitted in factory to ensure safety

BWT

Uniclass L7626	EPIC M231
CI/SIB (64.11)	X

Flameproof Camera Housing

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FBH01C flameproof camera housing is made by die-casting aluminum. There are two length available, FBH01C-30 and FBH01C-40. Power options include 110-230VAC and 12-24VAC/DC. There are four M20 thread holes in the rear cap and two ATEX certificated cable glands are supplied as standard. All holes are fitted with explosion proof stopping plug. The plug can be removed only if there is cable gland or tube to replace. Customer can choose camera and lens by themselves and fitted and tested in factory.

Specifications

Mounting	4 holes equi-spaced on 101.6mm P.C.D	Temperature	-20°C to +60°C; -40°C to +60°C with heater
Body	RAL 1021 (yellow) powder coat	Humidity	95%, non-condense
Sunshield	White polyester powder coat	Weatherproof	IP67
Caps:	Clear anodized	Voltage	110-230VAC; 12-24VAC/DC
Body Construction:	Machined aluminum extrusion	Fuse rate	2A (230VAC), 5A (24VAC)
Weight	12Kg(-40); 10Kg(-30)	Heater	PTC heater, 15°C on, 25°C off
Window	15mm thick toughened glass	EX certificate	Ex d IIC T6 Gb
Dimensions	FBH01C-40 : 715×210×190mm (LWH) FBH01C-30: 675×210×190mm (LWH)	Window size	100×82.5mm
Cable Entry	Four M20 x 1.5 threaded, two ATEX certificated cable glands		

Product No		Accessories	
FBH01C-40	420×115×95 mm 230VAC	FBH01W	230VAC wiper kit
FBH01C-40/L	420×115×95 mm 24VAC	FBH01W/L	24VAC wiper kit
FBH01C-30	290×115×95 mm 230VAC	FBH01W/D	24VDC wiper kit
FBH01C-30/L	290×115×95 mm 24VAC	FBH01-TRX10	230VAC internal 10 functions receiver
Brackets		FBH01-TRX10/L	24VAC internal 10 functions receiver
BP40+BS20	20KG Wall mounting bracket	FBH01-TRX14	230VAC, internal 14 functions receiver
BS20	20KG swift bracket	FBH01-TRX14/L	24VAC, internal 14 functions receiver
BS40	40KG swift bracket (heavy wind place)	FBH01-TRX17	230VAC, internal 17 functions receiver
BCS09/BCS12	Space column	FBH01-TRX14D	24VAC, internal 17 functions receiver

*Please check the maximum power consumption, dimensions of camera and lens

BWT (H.K) CO., LTD.

www.bwt-video.com