TOMYTEC

BORG
oasis studio

Black BORG Series

BORG - the ultimate resolution

BORG90FL

Project 2014x2 is expected to be released in the summer of 2014. This will be the largest aperture in the BORG family since the 125SD was sold out.

The 500mm/F5.6 fluorite telephoto lens produces a superb, clean image and the 90mm aperture is also well-sized for astronomical deep-sky objects without sacrificing portability. The dedicated reducer lens for the 90FL covers a full frame sensor.

BORG71FL

This is the first fluorite objective for the BORG series. Tack sharp 400mm/F5.6 fluorite optics perform well for any type of target and in any conditions, making it an all-around player. High contrast images from the fluorite optics insure that photography is an enjoyable experience!

BORG - Unique features

Telephoto lens unit - BU-1

BU-1 simplifies the modular design system and provides the conventional telephoto lens experience to the photographer.

Helical focuser

Large, smooth-action helical focuser is standard equipment, making fine focusing easy.

Objective lens

BORG-proprietary interchangeable objective lens system - allows swapping among 90FL, 89ED, 77EDII and 67FL optics.

Mounting bracket

Solid base provides stable mounting. Arca-Swiss-compatible version available as an option.

The features of the BORG90FL + BU-1 set

Feature 1

Modular design - convenient for flexibility, storage, and transport.

Feature 2

Quick assembly - Ready to go in just 3 minutes.

Feature 3

Numerous options available.

Camera mount

Supports virtually all cameras currently available in the market.

Camera rotator

Full rotation allows complete flexibility in composing a shot.

Drawtube

Provides the convenience of quick adjustment for rough focusing. 95mm focus travel.

Fluorite lens

- the “dream lens” - provides the highest peformance lens elements for imaging despite being the most difficult to produce. The BORG family includes five variations of fluorite optics – 50FL, 55FL (available in late 2014), 67FL, 71FL, and 90FL (available in mid-2014).

ED lens

Extremely low dispersion lens element. One of best elements to minimize chromatic aberration. 36ED, 45EDII, 60ED, 77EDII and 89ED are currently available.

Interchangeable objective lens system

Allows swapping of the objective lens in the field to give the photographer maximum flexibility in composing shots.

Multi camera mount

17 types of camera mount adapters – allowing attachment to virtually any camera currently available in the market.

Feature - 4

BORG90FL + BU-1 set including MMF-1 crayford focuser and M75 iris

Feature - 5

M75 iris – BORG proprietary modular design provides the flexibility for depth-of-field control, an exclusive feature of BORG telescopes.

Feature - 6

Fully built up and ready to go.

A new world through BORG optics

鹿:BORG67FL+D3 撮影者:BORGスタッフ中川昇　鉄道:BORG71FL+D7000 撮影者:倉橋和久様
カワセミ:BORG77EDII+EOS7D 撮影者:J.J様

F1日本グランプリ:BORG36ED+NEX-6　撮影者:BORGスタッフ深野

BORG36ED

Smallest aperture in ED series. 200mm/F5.6 optical system, comprised of M42 threaded components (popular in older cameras), allowing the flexibility of attachment to existing equipment. An optional field flattener allows full coverage of an APS-C sized sensor.

BORG89ED

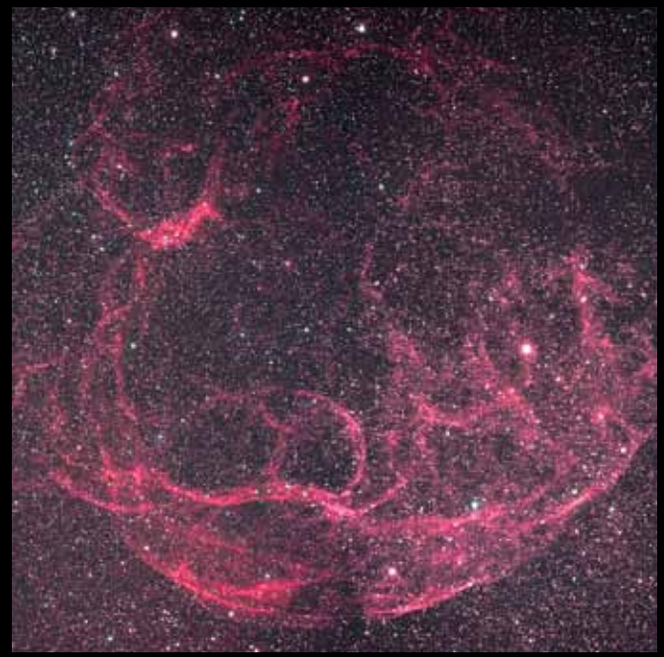
600mm/F6.7 telephoto lens – the longest focal length in the current BORG optical family. The BORG-proprietary modular design and light weight (lightest in its class) make it a backpacker's ideal instrument.

BORG77EDII

The 1st generation of 77ED was released more than 15 years ago. Evolutionary improvements have now made the third-generation 77ED/EDII – 510mm/F6.6 a best seller and the most popular optical system in BORG's line. Great for astronomy as well as bird-watching.

カワラヒワ:BORG67FL+E-5　撮影者:BORGスタッフ中川昇

イソシギ:BORG89ED+X-Pro1　撮影者:BORGスタッフ中川昇



おうし座レムナントSh2-240:BORG77EDII+7704+EOSX5　撮影:丸川元様

BORG67FL

BORG's latest fluorite optics – 300mm/F4.5. This compact, super fast optical system allows for fast shutter speeds for hand-held shooting. The fluorite optics provide crisp, clear, high color contrast images. A newly-designed super reducer, scheduled for release in 2014, will provide pin-point stars across the entire field of a full frame sensor for astrophotography.

Summary

	BORG36ED [6237]	BORG67FL [6268]	BORG 71FL [6174]	BORG77EDII [6183]	BORG89ED [6189]	BORG90FL [N/A]
						
	金賞 Gold medal		金賞 Gold medal	金賞 Gold medal	金賞 Gold medal	
Aperture	36mm	67mm	71mm	77mm	89mm	90mm
Focal length	200mm	300mm	400mm	510mm	600mm	500mm
F ratio	5.6	4.5	5.6	6.6	6.7	5.6
Optics	Doublet ED apochromat	Doublet Fluorite apochromat	Doublet Fluorite apochromat	Doublet ED apochromat	Doublet ED apochromat	Doublet Fluorite apochromat
Coating	Fully multi-coated	Fully multi-coated	Fully multi-coated	Fully multi-coated	Fully multi-coated	Fully multi-coated
Physical length	196mm	285mm	310mm	445mm	480mm	380mm
Weight	252g	689g	1.5kg	1.9kg	2.2kg	2.2kg

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