

SH-1

- 24x super-wide optical zoom (25-600mm*)
- iHS Technology
- TruePic VII image processor
- Optical 5-axis image stabilisation
- 48x with Super-Resolution Zoom
- 16 Megapixel backlit CMOS
- 7.6cm/3.0" 460,000 dot touch panel LCD
- High-Speed Sequential Shooting



Premium style. High tech.

All you need in one compact digital camera: the TRAVELLER SH-1 combines premium style from the highly coveted PEN with advanced Olympus technology. Thanks to its high-quality materials, cutting-edge metal elements and haptic textured surfaces, this STYLUS compact digital camera truly stands out from the crowd.

At the same time, it delivers the performance you need to shoot clear, blur-free stills and High Definition movies that are worthy of being shared: the 5-axis image stabilisation (IS) functionality perfectly complements the powerful 24x optical zoom (48x Super Resolution Zoom). Every detail has been carefully considered so you can concentrate on your subject and enjoy an enhanced photography experience.

Specifications

Image Sensor

Effective pixels	16 Megapixels
Filter array	Primary colour filter (RGB)
Full resolution	16.8 Megapixels
Type	1/2.3" CMOS

Lens

Optical zoom	24x (WIDE)
Focal length	4.5 - 108.0mm
Focal length (equiv. 35mm)	25 - 600mm
Maximum aperture	3.0 - 6.9
Structure	11 lenses / 10 groups
Aspherical glass elements	3
ED glass elements	3

Digital Zoom

Enlargement factor	4x / 96x combined with optical zoom
Super Resolution Zoom	2x / 48x combined with optical zoom

Monitor

Resolution	460000 dots
Monitor size	7.6cm / 3.0" (3:2)
Monitor type	LCD - Touch Panel
Live Guide	Yes
Frame assistance	Yes
Brightness adjustment	+/- 2 levels
Protection panel	Yes

Focusing System

Method	TTL iESP auto focus with contrast detection
Modes	Touch target iESP Face Detection AF Spot AF Tracking
Standard mode	0.1m - ∞ (wide) / 0.4m - ∞ (tele)
Super Macro Mode	Closest focusing distance: 3cm
AF illuminator	Yes
Focus areas	-
AF lock	Yes

Light Metering

Modes	ESP light metering Spot metering
Histogram in shooting mode	Yes

Exposure System

Modes	i-Auto Programme automatic Photo Story Art Filter Scene Modes Panorama Hand-held Starlight Advanced Movie Manual
Shutter speed	1/4 - 1/2000s / < 30s (Manual Mode)
Exposure compensation	+/- 2EV / 1/3 steps
Enhancement function	Mechanical Image Stabiliser (5-axis Sensor shift) Advanced Face Detection Technology Shadow Adjustment Technology

Scene Modes

Number of scene modes	16
Modes	Portrait e-Portrait Landscape Interval shooting Night Scene Night Scene with portrait Sports Indoor Self-portrait Sunset Fireworks Cuisine Documents Beach and Snow Super Macro Backlight HDR

Magic Filter

Types	Pop Art Soft Focus Pale & Light Colour Grainy Film Pin Hole Diorama Dramatic Tone
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Multi-Recording

Modes	Photo & Movie Capture
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Sensitivity

Auto	AUTO / High AUTO
Manual	ISO 125, 200, 400, 800, 1600, 3200, 6400

White Balance

AUTO WB system	Yes
Preset values	Overcast Sunlight Tungsten Flourescent 1
One-touch white balance	1 custom settings can be registered

Internal Flash

Modes	AUTO Red-eye reduction Fill-in Off
Working range (wide)	0.1 - 9.4m (ISO 3200)
Working range (tele)	0.4 - 4.0m (ISO 3200)

Sequence Shooting

Reduced resolution	60fps / 60 frames (in 3MP mode) 20fps / 60 frames (in 3MP mode)
Full resolution	11.5fps / 16 frames 2.5fps / 200 frames
Interval shooting	Yes

Image Processing

Noise reduction	Yes
Pixel mapping	Yes
Engine	TruePic VII
Shading compensation	Yes
Distortion compensation	Yes

Movie Editing

Still Image Cropping	Yes
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View Images

Modes	Single Index Zoom Slide show Event
Index	4 x 4 frames
Zoom	1.1 - 10x
Auto rotation	Yes
Image protect mode	Yes
Histogram in playback mode	Yes

View Movie

Modes	Frame by frame Fast forward Index jump Reverse playback
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Still Image Recording

DCF	Yes
RAW	No
EXIF	2.3
PIM	III
DPS	PictBridge
DPOF	Yes

Movie Recording System

Recording format	QuickTime Motion JPEG®
Image Stabilisation Mode	Hybrid sensor shift + digital (5-axis)
HD Movie quality	1080 60P Recording time: 29min. 720P Recording time: 29min.
Movie quality	VGA Recording time: Up to card capacity
High-Speed Recording	432 x 324 / 240fps Recording time: 20sec. 1280 x 720 / 120fps Recording time: 20sec.
Time laps	1080p, 720p, VGA Note: maximum file size 4GB When shooting 1080P/720P movies, use SDHC / SDXC class 6 or higher.
Art Filter	Pop Art Soft Focus Pale & Light Colour Grainy Film Pin Hole Diorama Dramatic Tone

Sound Recording System

Internal microphone	Stereo
Sound recording	Yes , format: PCM
Image footage	4s
Voice Playback	Yes
Speaker	Yes

Memory

Removable Media	SD / SDHC / SDXC (UHS-I class supported)
Capacity	128GB
Internal memory	37MB
Eye-Fi Card compatible	Yes

Image Size

16M	4608 x 3456
8M	3264 x 2448
3M	2048 x 1536
VGA	640 x 480
Aspect ratio	4:3 / 3:2 / 16:9 / 1:1

Menu

Menu languages in camera	39
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Other Features

Perfect Shot Preview	Yes
Level Gauge	Yes
Menu guide	Yes
Panorama function	Smart Panorama
Photo Surfing	Yes
Date imprint	Yes
SNS upload	Yes
Self timer	Delay: 2 / 12s / Pet auto shutter

Power Supply

Battery	LI-92B Lithium-Ion Battery
Internal Charging	Yes

Interface

DC input	Yes
Combined A/V & USB output	Yes
USB 2.0 High Speed	Yes
Wireless connectivity	WiFi FlashAir
HDMI™	Yes Micro connector (Type D) *

* "HDMI", the HDMI logo and "High-Definition Multimedia Interface" are trademarks or registered trademarks of HDMI Licensing LLC.

Size

Dimensions (W x H x D)	108.8 x 63.2 x 42.4mm
Weight	271g (including battery and memory card)

Exterior

Material	Metal
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*Equivalent to a 35mm camera