TG-320

- Waterproof to 3m**, shockproof to 1.5m*** and freezeproof to -10°C
- 14 Megapixels
- 6.9cm/ 2.7" LCD 230,000 dot colour LCD
- Magic Filter Movie and/or Stills

- 3.6x wide optical zoom (28-102mm*)
- 720p HD Movie and HDMI Control
- Dual Image Stabilisation
- iAuto and AF Tracking

It keeps up with the family

Buying a new compact camera can be like getting a new pair of sunglasses – you spend a lot on something impressive only for it to break the first time you drop it. Which is why Olympus developed TOUGH. Shockproof***, waterproof** and freezeproof, the new OLYMPUS TOUGH TG-320 comes with a worry-free guarantee. Not only is it virtually indestructible, it's also soft on your budget. For little money you get a camera with everything you need to capture HD movies and still photos in 14-Megapixel quality. A hard glass lens barrier safeguards the precision 3.6x wide optical zoom lens (28-102mm*) and when you don't have to worry about damaging high-grade components like this, using your camera is suddenly a lot more fun. The TG-320 compensates with Dual IS, reducing blur in poor light and with fast-moving shots. Other Automatic aids on the TG-320 include Intelligent Auto Mode (i-Auto) and AF Tracking that help ensure even hectic scenes come out bright and sharp.You can get creative with 3D underwater photo shooting or Magic Filters and share your shots wirelessly via an Eye-Fi card that automatically uploads stills and movies to a website or PC. With the TG-320, everyone can afford the look they want – no matter how butter-fingered or talent-free. For a camera in this price category, the spec and build quality are both exceptional.

Specifications

Image Sensor

Effective pixels	14 Megapixels
Filter array	Primary colour filter (RGB)
Full resolution	14.5 Megapixels
Type	1/2.3'' CCD sensor

Lens

Optical zoom	3.6x (WIDE)
Focal length	5.0 - 18.2mm
Focal length (equiv. 35mm)	28 - 102mm
Structure	10 lenses / 8 groups
Aspherical glass elements	4
ED glass elements	2
Maximum aperture	3.5 - 5.1

Digital Zoom

Enlargement factor	4x / 14.4x combined with optical zoom

Monitor

Monitor type	TFT
Monitor size	6.9cm / 2.7''
Resolution	230000 dots
Brightness adjustment	+/- 2 levels
Frame assistance	Yes
Protection panel	Yes

Focusing System

Method	TTL iESP auto focus with contrast detection
Modes	iESP
	Face Detection AF
	Spot
	AF Tracking
Standard mode	0.5m - (wide) / 0.5m - (tele)
Macro mode	0.1m - (wide) / 0.3m - (tele)
Super Macro Mode	Closest focusing distance: 2cm

Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer

Light Metering

Histogram in shooting mode	Yes
Modes	ESP light metering
	Spot metering

Exposure System

Shutter speed	1/4 - 1/2000s / < 4s (Night scene)
Exposure compensation	+/- 2EV / 1/3 steps
Enhancement function	Mechanical Image Stabiliser
	Advanced Face Detection Technology
	Pet Detection
Modes	i-Auto
	Programme automatic
	Magic Filter
	Panorama
	Scene Modes
	Movie
	3D Photos

Scene Modes

Number of scene modes	17
Modes	Portrait
	Beauty
	Landscape
	Night Scene
	Night Scene with portrait
	Sports
	Indoor
	Candle

Sensitivity

Auto	AUTO / High AUTO
Manual	ISO 80, 100, 200, 400, 800, 1600

White Balance

AUTO WB system	Yes
Preset values	Overcast
	Sunlight
	Tungsten
	Flourescent 1
	Underwater

Internal Flash

Working range (wide)	0.2 - 4.3m (ISO 800)
Working range (tele)	0.3 - 2.8m (ISO 800)
Modes	AUTO
	Red-eye reduction
	Fill-in
	Off

Sequence Shooting

Sequential shooting mode (high speed)	3.0fps / 200 frames (in 5MP mode)
Sequential shooting mode	0.6fps / 200 frames (Full Image Size)

Image Processing

Pixel mapping	Yes
Noise reduction	Yes
Engine	TruePic III+
Distortion compensation	Yes
Shading compensation	Yes

Image Editing

Resize	Yes
Trimming	Yes
Correction of saturation	Yes
Beauty Fix	Yes
Red-eye reduction	Yes
Shadow Adjustment	Yes

View Images

Modes	Single
	Index
	Zoom
	Slide show
	Event
	Photo Surfing
Index	4x3 / 6x5 frames
Zoom	Yes 1.1 - 10x
Auto rotation	Yes
Image protect mode	Yes
Histogram in playback mode	Yes

Still Image Recording

DCF	Yes
EXIF	2.21
PIM	III
DPS	PictBridge
DPOF	Yes

Movie Recording System

Recording format	MPEG-4
Image Stabilisation Mode	Digital Image Stabilisation
HD Movie quality	720P Recording time: 29min.
Movie quality	VGA Recording time: Up to card capacity
	QVGA Recording time: Up to card capacity
	Note: maximum file size 4GB
	When shooting 720P movies use SDHC/SDXC class 6 or higher.
Magic Filter	Pop Art
	Fisheye
	Drawing
	Soft Focus
	Punk
	Water color

Sound Recording System

Voice playback	Yes
Sound recording	Yes , format: AAC
Image footage	4s
Speaker	Yes

Memory

Removable Media	SD / SDHC / SDXC (UHS speed class not supported)
Eye-Fi Card compatible	Yes
Internal memory	19.5MB

Image Size

14M	4288 x 3216
8M	3264 x 2448
5M	2560 x 1920
3M	2048 x 1536
2M	1600 x 1200
1M	1280 x 960
VGA	640 x 480
16:9	4288 x 2416
	1920 x 1080

Menu

Menu languages in camera	39

Other Features

Shock resistant	Shock-proof from heights of up to 1.5m *
Waterproof	Waterproof up to a water pressure equivalent to 3m depth **
Freezeproof	Freezeproof up to -10°C ***
3D Photo Shooting Mode	Yes
Perfect Shot Preview	Yes
Panorama function	In-Camera Panorama
Self timer	2 / 12s Pet auto shutter
Menu guide	Yes
In-camera Manual	Yes
Date imprint	Yes
Photo Surfing	Yes
	* Equivalent to MIL Standard (Olympus test conditions)
	** According to IEC standard publication 529 IPX8
	*** According to Olympus test conditions

Power Supply

Battery	LI-42B Lithium-Ion Battery
Internal Charging	Yes

Interface

HDMI™	Yes Micro connector (Type D) *
DC input	Yes
Combined A/V & USB output	Yes
USB 2.0 High Speed	Yes
	* "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)	96.3 x 63.4 x 22.7mm
Weight	155g (including battery and memory card)

Magic Filter

Types	Pop Art
	Pin Hole
	Fisheye
	Drawing
	Soft Focus
	Punk
	Sparkle
	Water color

View Movie

Modes	Frame by frame
	Fast forward
	Reverse playback

*Equivalent to a 35mm camera
**According to IEC standard publication 529 IPX8
***Equivalent to MIL Standard (Olympus test conditions)