An easy to use camera that shoots 360-degree spherical images in one single shot.

	ART. CODE	EAN
RICOH THETA SC2 WHITE	910800	026649564031
RICOH THETA SC2 PINK	910801	026649564048
RICOH THETA SC2 BEIGE	910802	026649564055
RICOH THETA SC2 BLUE	910803	026649564062

Achieving 360-degree images in 14MP resolution

• The camera is equipped with two 1/2.3-inch back-illuminated CMOS image sensors
• ISO3200 high-sensitivity shots
• Can shoot using a high shutter speed of up to 1/25000 seconds

The lens unit

• The lens unit uses Ricoh's original tri-fold structure technology, allowing for a slim body of just 23mm despite the image sensor
• A one-level aperture mechanism is equipped: F2

High-quality 4K 360-degree videos

• 4K-video: 3840×1920 px / 29.97fps / 54Mbps
  up to 60 min Memory Capacity
• New white ballancwe presets for Video
• Self timer 2, 5, 10 sec.

New shooting modes to suit the scene

• Noise reduction

• DR compensation

• HDR Rendering

• Interval shooting

• Multi bracket shooting

• Self-timer (2,5,10sec.)

• My Settings

Main body user interface

• 0.5 inch Organic light emitting display Panel, 60x32 dots

• Automatic brightness djustment function

Optional Accessories

		ART. CODE	EAN
HARD CASE TH-2		910752	026649107528
SOFT CASE TS-1 WHITE		910718	026649107184
SOFT CASE TS-1 BLACK		910719	026649107191
EXTENSION ADAPTER TE-1		910710	026649107108
CABLE SWITCH CA-3		30004	027075295650
RICOH THETA STAND TM-1		910751	026649107511
UNDERWATER HOUSING TW-1		910753	026649107535
3D MICROPHONE TA-1		910754	026649107542
LENS CAP TL-1		910763	026649107634
RICOH THETA STICK TM-2		910765	026649107658
RICOH THETA STICK TM-3		910766	026649107665
STRAP ADAPTER AT-1	SILVER	910711	026649107115
	GREY	910712	026649107122
	GREEN	910713	026649107139
	BLUE	910714	026649107146
	ORANGE	910715	026649107153

Hard Case TH-2   Lens Cap TL-1

Strap Adapter AT-1

RICOH THETA SC-2

CAMERA TYPE

TYPE	Full Spherical Camera

SENSOR

TYPE	1/2.3 inch x 2
PIXELS	Effective: approx. 14.5 megapixels
SENSITIVITY	Still image, Video: AUTO ISO64 to 1600, The Upper Limit settinngs, Manual (ISO80 to 3200) *3
WHITE BALANCE	Still image, Video: Auto,outdoor,shade, cloudy, incandescent lamp 1, incandescent lamp 2, daylight color fluorescent lamp, natural white fluorescent lamp, white fluorescent lamp, light bulb color fluorescent lamp,underwater, Color temperature(2500K-10000K) *3
NOISE REDUCTION	Automatic function

FILE FORMATS

STILL IMAGE	Still image: JPEG (Exif Ver. 2.3)
VIDEO	Video: MPEG-4 AVC/H.264
AUDIO	Audio: AAC-LC(monaural)
RECORDED PIXELS	Still image: 5376×2688 pixels
	JPEG: Output pixel count equivalent to approx. 14.5MP
EXT. STORAGE MEDIA	not available
BUILT-IN MEMORY	Approx. 14GB
NUMBER OF PHOTOS THAT CAN BE RECORDED *1	Still image: JPEG approx. 3000 photos

MOVIE

NUMBER OF RECORDED PIXELS	4K: 3840×1920 / 29.97fps / 56Mbps
	2K: 1920×960 / 29.97fps / 16Mbps
	Video: AAC-LC (monaural) + Linear PCM
TIME THAT CAN BE RECORDED	Video (time per recording): Max. 5minutes/Max. 25 minutes *1 *3 *4
	Video (total recording time): （4K) Approx. 40 minutes, （2K) approx. 130 minutes

LENS

ANGLE OF VIEW	360° Full Sperical
APERTURE	F2
CONSTRUCTION	7 elements in 6 groups
OBJECT DISTANCE	Approx. 10cm - ∞ (from front of lens)

AUTO FOCUS SYSTEM

TYPE	Fixed fokus

EXPOSURE CONTROL

METERING SYSTEM	Integral
SHUTTER SPEED	Still image: (AUTO) 1/25000 sec. to 1/8 sec.
	(Shutter Priority) 1/25000 sec. to 1/8 sec. *3
	(Manual):1/25000 sec. to 60 sec. *3
	Video: (AUTO)1/25000 sec. to 1/30 sec.
EV COMPENSATION	Still image, Video: -2.0 to +2.0EV, 1/3EV step *3
EXPOSURE CONTROL	Still image: Auto, Shutter priority, ISO priority, Manual *3
	Video: Auto
SELF TIMER	A smartphone with a dedicated app is required to change modes or configure manual settings

CAPTURE SETTING

	A smartphone is required to change modes or configure manual settings

STATUS DISPLAY

TYPE	0.5 inch organic light emitting display panel, 60x32 dots, automatic brightness adjustment function

SHOOTING FEATURES

DRIVE MODES	Still image: Auto, Shutter priority, ISO priority, Manual *3
	Video: Auto
SHOOTING FUNCTIONS	Still image: Noise reduction, DR compensation, HDR Rendering, Interval shooting, Multi bracket shooting, Self-timer (2,5,10sec.), My Settings
	Video: Self-timer (2,5,10sec.), My Settings
	Preset: Face, Night View, Lens-by-Lens Exposure

SPECIAL

OPERATING TEMPERATURE	-10°C (14°F) to 40°C (104°F)
STORAGE TEMPERATURE	-20°C to 60°C
OPERATING HUMIDITY	90% or less

CAMERA OPERATION SYSTEM

"RICOH THETA"-APP	Some Functions could be controlled directly by the new Fn-Function Button. It is required to use a smartphone with dedicated "THETA+" App. This is working like a remote control. Herewith lot of settings could be controlled, e.g.: ISO, Shutter Speed, Manual Setting, Shooting Mode, Wihte Ballance, EV-Compensation; With this App could be also GPS signal synchronized with image file.
"THETA+"-APP	A lot of edit functions are available with the app "THETA+". E.g. different still picture animation could be done or video files could be edited
WEBSITE	"theta360.com" is the main webpage for product support, up-load portal and information center

MOBILE COMMUNICATION

WIRELESS LAN

STANDARDS	IEEE802.11 b/g/n (2.4GHｚ Only）
FREQUENCY	2400MHz - 2483.5MHz *5
USING CHANNEL	2.4GHz: 1ch, 6ch, 11ch
PROTOCOL	HTTP (Open Spherical Camera API v2）

BLUETOOTH®

STANDARDS	Bluetooth 4.2
PROFILE	Bluetooth low energy technology using Profile: GATT （Generic Attribute Profile）

POWER SUPPLY

POWER SOURCE	Lithium ion battery (built in) *6
BATTERY LIFE	Still image:Approx. 260 photos *7
	Video:Approx. 60 minutes *7

INTERFACES

USB	micro-USB, USB 2.0

DIMENSIONS & WEIGHT

DIMENSIONS	45.2mm (W) x 130.6mm (H) x 22.9mm (17.9mm *8) (D)
WEIGHT	Approx. 104g

SYSTEM REQUIREMENTS

	For operating the camera a smartphone with a dedicated App is required
PC	Windows® 7, Windows® 8.1, Windows® 10
MAC	Mac OS X 10.10, 10.11, 10.12, 10.13, 10.14

*1 The number of photos and time are guides only. The actual number differs according to the photography conditions.

*3 A smartphone is required to change modes or configure manual settings.
*4 Automatic shut down if the internal temperature increases.
*5 That differs depending on the region.
*6 Charge the battery by connecting it to a PC using the supplied USB cable.
*7 The number of photos that can be taken is a guide based on RICOH's measurement method . The actual number differs according to usage conditions.
*8 Excluding lens section.