

Doteck

Doteck O4 Series

HD Video Camera



Features

- (1) Output 1080p/60 super high quality images
- (2) Use 1/2.8" 2.2 million pixels HD CMOS sensor
- (3) Wide range of rapid ballhead, quick horizontal, vertical wide range of rotation

Pan degree: 340 degrees,

Max speed 200 degrees/s,

Tilt degree: -30 degrees to -90 degrees,

Max speed 90 degrees/s.

(4) NTSC/PAL full HD and multiple formats output(HDMI, HD-SDI, YPbPr)
Output VIDEO, S-VIDEO, 1080p/720p HD signals, Meet the requirements of different systems.

(5) Multi-function infrared remote control All camera turning, zoom control, pre-settings position and other variety of control functions can be performed by standard infrared controller.

(6) RS232C/RS422 interface(VISCA protocol)

(7) 640x zoom ratio(20x optical + 32x digital) the fast and stable auto-focus zoom lens has an impressive 640x zoom ratio.

(8) O4 series can store up to 128 preset positions and invoke pan/tilt/zoom setting ballhead, focus position even every function of the camera fast.

(9) Day and night conversion

(10) Support image flip function(desktop installation/hoisting)

Introduction

Dotek O4 HD color and communication-oriented camera will bring you full HD visual feeling and control flexible to output different signals (SD, HD), it makes new HD projects application much simple and easier. 1/2.8-type HD CMOS image sensor possesses 3.27 million effective pixels, arbitrary coding, and outputs high-resolution, high-quality images. Moreover, our camera could be used widely under a full range of holder.

Dotek O4 HD camera build-in 20x optical zoom and can output the image at ratio of 16:9. Support multi-format HD signals such as HD 1080p/60; rapid ballhead captures image fast. Moreover, functions of auto focus, auto exposure, infrared control, long-distance control and image flip etc. are available. It is the best choice for conference, education and medical treatment etc..

Technical Specifications

Image sensor	1/2.8" HD COMS
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Effective pixels	2.20 million
Resolution	1080p/60, 1080p/50, 1080p/30, 1080p/25,
Output format	1080i/60, 1080i/50, 720p/60, 720p/50
Lens	20x optical zoom, f=4.7mm (wide end) ~94.0mm (far end)
	32x digital zoom
Focus	Auto/ Manual/a key trigger
AGC	On/Off
Minimum Illumination	0.001 Lux
Wide dynamic	On/Off
Electronic shutter	1/30 to 1/60, 000 sec
Backlight compensation	On/Off
White balance	Auto/Manual/Indoor/Outdoor/triggered
DNR	2D/3D
S/N Ratio	More than 50 dB
Ballhead	Pan: ± 170 degrees(Max speed:100° /s), Tilt: -30° ~ +90° (Max speed 90° /s)
Other features	128 positions preset, OSD menu
Image ratio	16:9
Video output	HD HDMI YPbPr HD-SDI
	SD Video
Controlling interfaces	RS-232C(8-pin mini DIN)(protocol VISCA), RS-422(5-pin)(protocol VISCA)
Power requirements	DC 12V
Power consumption	12W
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing
Dimension	132x144x144(mm)
Adjunct	AC adapter, IR remote control



Doteck Digital Technologies

Room 19D, 11A, 11B, 11D, Building 2, International Incubation Zone, No. 2, Shangdi Info Road, Haidian District, BEIJING, CHINA, Postcode:100085

e-mail: Doteck@126.com

Tel: +86-10-62120151

FAX: +86-10-82893162

Mobile: +86-13910290608

Contact: LI XINJIAN

Welcome to visit our website for more info: www.Doteck.com