

# Clifton Cameras Product Specification

## ZEISS DTI 4

### Specifications

#### Optics

Focal length:	35 mm / F1.0 50 mm / F1.0
Range:	~ 1,845 m ~ 2,635 m
Eyepiece field of view in ° (subjective field of view):	Diagonal: 30°
Lens field of view in m at 100 m:	Horizontal: 22 m Horizontal: 15 m
Lens side field of view in ° (horizontal x vertical):	13° x 10° 9° x 7°
Optical magnification:	2.0 x 2.9 x
Maximum digital zoom:	4 x
Zoom increments:	In 0.5 x increments from: 1.0 x – 4.0 x

#### Sensor

Sensor resolution:	640 x 512 px
Sensor pixel pitch:	12 µm
NETD value:	≤ 25 mK
Frame rate:	50 Hz

#### Display

Display resolution:	1,024 x 768 px
Display type:	AMOLED

#### Electronics

Interfaces:	USB: charging + data transfer
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cliftoncameras

	WLAN: data transfer
Battery:	Lithium-ion
Battery life:	7 h
External power supply:	5 V / 3 A, 9 V / 2 A, 12 V / 1,5 A (USB)
Internal memory:	32 GB
Video / photo:	Yes
WLAN frequency:	2.4 GHz
WLAN standard:	IEEE 802.11 b/g/n

**General**

Ingress protection rating:	IP 66
Operating temperature range:	-10 °C / + 50 °C (+14 °F / +122 °F)
Length x Width x Height:	193 mm x 60 mm x 65 mm
	206 mm x 60 mm x 65 mm
Weight:	430 g
	470 g