# TI175|TI395

## **Thermal Imaging Cameras for Electricity & Industry Application**

TI175|TI395 are affordable, easy-to-operate and high-performance thermal imaging cameras that offer accurate temperature measurements at safe distances. They have a wide range of temperature measurements to satisfy a variety of thermograph applications. They are widely used in electricity and industry applications.

#### **Features**

Excellent thermal image and high accuracy temperature measurement

3.2",270° rotatable and foldable LCD

Multi-mode for temp. measurement, max./min./avg temp, auto tracking, isotherms analysis

Tiny size, light weight 400g

Multi-lens for option

Fusion and overlay of the thermal image&visible image

### **Applications**

**Building Diagnostics** 

Electrical/Mechanical Inspection

Research & Development

**Automation Applications** 

Preventative & Predictive Maintenance



## ULIRVISION

#### **Technical Specifications**

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Item	TI175	T1395
Detector Data		
Type	Uncoo	ed FPA
IR resolution	160×120	384×288
Pixel pitch	25um	
Spectral range	7.5∼14µm	
NETD/Sensitivity	50	mK
Lens		
FOV/Minimum imaging distance	24°×18°/15cm	24°×18°/30cm
IFOV	2,3mrad	1.2mrad
Focus		Motor
Lens(Optional)		×9°/1m、6°×4.5°/3m
Image Performance	40 -04 / IOUIII 12	~5 / HIIV 0 ~4.5 / HII
	2.0" 270% tilable 1	CD 000u400 sixels
Display		CD. 800×480 pixels
Visual camera		ga pixel
Frequency		/60Hz
Zoom	1X~4X continuous	1X~8X continuous
Color palletes		ow. white hot and black hot etc.)
Contrast/brightness	Auto/I	Manual
Measurement		
Temperature range	-20℃~+100℃、-20℃~+250℃(can be extended to 1200℃)	
Measurement accuracy	±2°C/±2%(reading)	
Spotmeter	4 adjustable soots	
Line profile	Vertical/Horizontal	
Area	3 adjustable boxes with max./min./avg temperature value	
Isotherms analysis	Capture high/low temperature/interval	
Alarm	Voice, color	
Dew point alarm	No .	
Measurement correction		Manual
Emissivity correction		selected from list of materials
Background temperature correction		
	Auto Auto	
Atmospheric transmissivity correction		
	Data Wassa Assessment of	
		e unit °C/F/K, language
Languages		
Languages	10 languages(English, French, Italian, German, Spanish, Portuguese	e unit "C/TF/K, language Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)
Languages Image Storage	10 languages(English, French, Italian, German, Spanish, Portuguese Built-in flash, >700 images	e unit *C/F/K. language  Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to >500 images
Languages Image Storage Storage type	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images	eunit *C/F/K. language  Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to >500 images  4G SD card, up to >8000 images
Languages Image Storage Storage type Storage mode	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame	e unit "C/F/K. language  Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to >500 images  4G SD card, up to >8000 images
Languages Image Storage Storage type Storage mode Infrared image format	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash. >700 images  4G SD card. up to >11200 images  Store signal frame  JPEG, with 14-Bit n	Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to >500 images  4G SD card, up to >8000 images  image auto/manual heasured data image
Languages Image Storage Storage type Storage mode Infrared image format Visible light image format	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n	Built-in flash card. up to >8000 images  AG SD card. up to >8000 images  image auto/manual  neasured data image  with infrared image
Languages Image Storage Storage type Storage mode Infrared image format Visible light image format Voice annotation	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v	Built-in flash card. up to >8000 images  AG SD card. up to >8000 images  image auto/manual heasured data image  rith infrared image  er image via built-in microphone
Languages Image Storage Storage type Storage mode Infrared image format Visible light image format Voice annotation	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v	Built-in flash card. up to >8000 images  AG SD card. up to >8000 images  image auto/manual  neasured data image  with infrared image
Languages Image Storage Storage type Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v	Built-in flash card. up to >500 images  AG SD card. up to >8000 images  image auto/manual heasured data image  rith infrared image  er image via built-in microphone
Languages Image Storage Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage Laser Point	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v  40s voice record, stored with p	Built-in flash card. up to >8000 images  AG SD card. up to >8000 images  image auto/manual heasured data image  rith infrared image  er image via built-in microphone
Languages Image Storage Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage Laser Point Grade/Type	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v  40s voice record, stored with p	Built-in flash card. up to >500 images  Built-in flash card. up to >500 images  4G SD card. up to >8000 images  image auto/manual leasured data image rith infrared image er image via built-in microphone d. 7s at least
Lanquages Image Storage Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage Laser Point Grade/Type Interfaces	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored with pure coord, stored with pure coord.	Built-in flash card. up to >500 images  AG SD card. up to >8000 images  image auto/manual leasured data image rith infrared image er image via built-in microphone d. 7s at least
Lanquages  Image Storage  Storage type  Storage mode  Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type  Interfaces  Power interface	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml	Built-in flash card. up to >500 images  AG SD card. up to >8000 images  image auto/manual easured data image er image via built-in microphone d. 7s at least
Lanquages  Image Storage  Storage type  Storage mode  Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type  Interfaces  Power interface  SD card slot	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v  40s voice record, stored with p  User define	Built-in flash card. up to >8000 images  AG SD card. up to >8000 images  image auto/manual  leasured data image er image via built-in microphone d. 7s at least
Lanquages  Image Storage  Storage type  Storage mode  Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type  Interfaces  Power interface  SD card slot  Video output	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v  40s voice record, stored with p  User define  Class 2, 1ml	Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual neasured data image with infrared image er image via built-in microphone d. 7s at least  W635nm Red
Lanquages  Image Storage  Storage type  Storage mode  Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type  Interfaces  Power interface  SD card slot  Video output  Audio output	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  CN	Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual neasured data image with infrared image er image via built-in microphone d. 7s at least  W635nm Red
Lanquages  Image Storage  Storage type  Storage mode  Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type  Interfaces  Power interface  SD card slot  Video output  Audio output  USB	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v  40s voice record, stored with p  User define  Class 2, 1ml  Y  USE2.0, radiometric images, measure	e unit **C/F/K. language  Russian. Korean. Japanese. Simplified Chinese & Traditional Chinese)  Built-in fliash card. up to ≥500 images  4G SD card. up to ≥8000 images  image auto/manual heasured data image with infrared image er image via built-in microphone  d. 7s at least  W635nm Red
Lanquages  Image Storage  Storage type  Storage mode  Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type  Interfaces  Power interface  SD card slot  Video output  Audio output  USB  Tripod	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit n  JPEG or stored v  40s voice record, stored with p  User define  Class 2, 1ml  Y  USE2.0, radiometric images, measure	e unit **C/F/K. language  Russian. Korean. Japanese. Simplified Chinese & Traditional Chinese)  Built-in fliash card. up to ≥500 images  4G SD card. up to ≥8000 images  image auto/manual  neasured data image  rith infrared image  er image via built-in microphone  d. 7s at least  W635nm Red  es  es  es  es  ment data and voice are transfered to PC
Lanquages  Image Storage  Storage type  Storage mode  Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type  Interfaces  Power interface  SD card slot  Video output  Audio output  USB  Tripod  Power System	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored v  40s voice record, stored with in  User define  Class 2, 1ml  Y  Y  USE2.0, radiometric images, measure  1/4	e unit **C/F/K. language** Russian. Korean. Japanese. Simplified Chinese & Traditional Chinese)  Built-in flash card. up to ≥500 images  4G SD card. up to ≥8000 images  image auto/manual neasured data image rith infrared image er image via built-in microphone d. 7s at least  W635nm Red  es es es es ment data and voice are transfered to PC  1-20
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage  Laser Point  Grade/Type Interfaces Power interface SD card slot Video output Audio output USB Tripod Power System Battery type	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored v  40s voice record, stored with in  User define  Class 2, 1ml  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium	Built-in flash card, up to ≥500 images  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual reasured data image  rith infrared image er image via built-in microphone  d. 7s at least  W635nm Red  es  es  es  ment data and voice are transfered to PC 20
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type Interfaces  Power interface  SD card slot  Video output  USB  Tripod  Power System  Battery type  Battery type  Battery operation time	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored v  40s voice record, stored with in  User define  Class 2, 1ml  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium	Built-in flash card, up to ≥500 images  Built-in flash card, up to ≥500 images  4G SD card, up to ≥500 images  image auto/manual reasured data image  rith infrared image er image via built-in microphone  d. 7s at least  W635nm Red  es es es ment data and voice are transfered to PC  1-20  battery  burs
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type Interfaces  Power interface  SD card slot  Video output  USB  Tripod  Power System  Battery type  Battery type  Battery operation time  External power	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored v  40s voice record, stored with in  User define  Class 2, 1ml  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5	e unit **C/F/K. language** Russian. Korean. Japanese. Simplified Chinese & Traditional Chinese)  Built-in flash card. up to ≥500 images  4G SD card. up to ≥8000 images  image auto/manual neasured data image rith infrared image er image via built-in microphone d. 7s at least  W635nm Red  es es es es ment data and voice are transfered to PC  1-20  battery  purs  y ±5%.
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type Interfaces  Power interface  SD card slot  Video output  USB  Tripod  Power System  Battery type  Battery type  Battery operation time  External power  Charoing system	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored v  40s voice record, stored with in  User define  Class 2, 1ml  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5	Built-in flash card, up to ≥500 images  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual  reasured data image  rith infrared image  er image via built-in microphone  d. 7s at least  W635nm Red  es  es  es  bas  bas  bas  card, up to ≥8000 images  image  rith infrared image  er image via built-in microphone  d. 7s at least  W635nm Red  es  es  bas  bas  card, up to ≥8000 images  image  rith infrared image  er image via built-in microphone  d. 7s at least  W635nm Red  es  es  bas  es  bas  card, up to ≥8000 images  image  rith infrared image  er image via built-in microphone  d. 7s at least  W635nm Red  es  es  es  es  es  es  es  es  es
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format  Visible light image format  Voice annotation  Periodic image storage  Laser Point  Grade/Type Interfaces  Power interface  SD card slot  Video output  USB  Tripod  Power System  Battery type  Battery type  Battery operation time  External power  Charging system  Power system	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored v  40s voice record, stored with in  User define  Class 2, 1ml  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5	e unit **C/F/K. language** Russian. Korean. Japanese. Simplified Chinese & Traditional Chinese)  Built-in flash card. up to ≥500 images  4G SD card. up to ≥8000 images  image auto/manual neasured data image rith infrared image er image via built-in microphone d. 7s at least  W635nm Red  es es es es ment data and voice are transfered to PC  1-20  battery  purs  y ±5%.
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage  Laser Point  Grade/Type Interfaces Power interface SD card slot Video outout Audio outout USB Tripod Power System Battery type Battery type Battery operation time External power Charoing system Power saving Environment Parameters	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored v  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent char	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual reasured data image //ith infrared image er image via built-in microphone d. 7s at least  V/635nm Red  es es es ment data and voice are transfered to PC  1-20  battery purs  V ±5% her or in camera es
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Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage  Laser Point  Grade/Type Interfaces Power interface SD card slot Video outout Audio outout USB Tripod Power System Battery type Battery type Battery operation time External power Charoing system Power saving Environment Parameters Operating temperature range Storage temperature range	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  Cy  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent char	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual reasured data image //ith infrared image er image via built-in microphone d. 7s at least  W635nm Red  es  es  BS  es  ment data and voice are transfered to PC  -20  battery  purs  V±5% her or in camera es  -+50°C  -+70°C
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage  Laser Point  Grade/Type Interfaces Power interface SD card slot Video output Audio output USB Tripod Power System Battery type Battery type Battery type Battery operation time External power Charoing system Power saving Environment Parameters Operating temperature range Storage temperature range Humidity	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  CV  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent chan  Y  -20°C-  40°C-  ≤95%(Non	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual reasured data image  //th infrared image er image via built-in microphone  d. 7s at least  V/635nm Red  es  es  BS  es  ment data and voice are transfered to PC  1-20  battery  purs  V ±5% her or in camera  es  ++50 **C  ++70 **C condense)
Languages  Image Storage  Storage type  Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage  Laser Point  Grade/Type Interfaces Power interface SD card slot Video output Audio output  USB Tripod Power System Battery type Battery type Battery operation time External power Charging system Power saving Environment Parameters Operating temperature range Storage temperature range Humidity	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  CV  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent chan  Y  -20°C-  40°C-  ≤95%(Non	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual reasured data image  rith infrared image er image via built-in microphone  d. 7s at least  W635nm Red  es  es  BS  es  ment data and voice are transfered to PC  -20  battery  purs  V±5%  her or in camera es  -+50°C  -+70°C
Languages  Image Storage  Storage type  Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage  Laser Point  Grade/Type Interfaces Power interface SD card slot Video output Audio output  USB Tripod Power System Battery type Battery type Battery operation time External power Charoing system Power saving Environment Parameters Operating temperature range Storage temperature range Humidity Shock	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent char  Y  -20°C-  40°C-  ≤95%(Non  2G(IEC6)	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images 4G SD card, up to ≥8000 images image auto/manual reasured data image rith infrared image er image via built-in microphone d. 7s at least  V/635nm Red  es es es es hent data and voice are transfered to PC 1-20  battery purs  V ±5% her or in camera es ++50 **C ++70 **C -condense)
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage  Laser Point  Grade/Type Interfaces Power interface SD card slot Video outout Audio outout USB Tripod Power System Battery type Battery type Battery operation time External power Charoing system Power saving Environment Parameters Operating temperature range Storage temperature range Humidity Shock Vibration	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent chan  Y  -20°C-  40°C-  ≤95%(Non  2G(IEC6)	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual reasured data image with infrared image er image via built-in microphone d. 7s at least  V/635nm Red  es  ss  ment data and voice are transfered to PC  2-20  battery  purs  V ±5% her or in camera es  ++50 **C  ++70 **C condense)  0068-2-6)
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format Visible light image format Voice annotation  Periodic image storage  Laser Point  Grade/Type Interfaces  Power interface SD card slot Video output  Audio output  USB  Tripod  Power System  Battery type Battery type Battery operation time External power Charoing system Power saving  Environment Parameters Operating temperature range Storage temperature range Humidity Shock Vibration Encapsulation	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent chan  Y  -20°C-  40°C-  ≤95%(Non  2G(IEC6)	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual reasured data image  //th infrared image er image via built-in microphone  d. 7s at least  V/635nm Red  es  es  BS  es  ment data and voice are transfered to PC  1-20  battery  purs  V ±5% her or in camera  es  ++50 **C  -+70 **C  -condense)  0068-2-6)  0068-2-69
Lanquages Image Storage Storage type Storage type Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage Laser Point Grade/Type Interfaces Power interface SD card slot Video output Audio output USB Tripod Power System Battery type Battery type Battery operation time External power Charoing system Power saving Environment Parameters Operating temperature range Storage temperature range Humidity Shock Vibration Encapsulation Physical Data	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent chan  Y  -20°C-  40°C-  ≤95%(Non  2G(IEC6  25G(IEC6  IP54(IE	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to ≥500 images  4G SD card, up to ≥8000 images  image auto/manual reasured data image  //th infrared image er image via built-in microphone  d. 7s at least  V/635nm Red  es  es  BS  es  ment data and voice are transfered to PC  1-20  battery  purs  V ±5% her or in camera  es  ++50 **C  -+70 **C  -condense)  0068-2-6)  0068-2-69
Lanquages  Image Storage  Storage type  Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage  Laser Point  Grade/Type Interfaces Power interface SD card slot Video output Audio output USB Tripod Power System Battery type Battery type Battery type Battery operation time External power Charoing system Power Saving Environment Parameters Operating temperature range Storage temperature range Humidity Shock Vibration Encapsulation Physical Data Size	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent char  Y  -20°  -40°  -595%(Non  2G(EC6  25G(EC6  IP54(IE	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to >500 images 4G SD card, up to >8000 images image auto/manual reasured data image ///th infrared image er image via built-in microphone d. 7s at least  V/635nm Red  es es es es HSS es ment data and voice are transfered to PC 1-20  battery purs  V ±5% her or in camera es  ++50 **C ++70 **C -condense) 10068-2-6) 10068-2-29) 10605291
Lanquages Image Storage Storage type Storage type Storage type Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage Laser Point Grade/Type Interfaces Power interface SD card slot Video output Audio output USB Tripod Power System Battery type Battery type Battery operation time External power Charoing system Power saving Environment Parameters Operating temperature range Storage temperature range Humidity Shock Vibration Encapsulation Physical Data Size Weight	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, ≥700 images  4G SD card, up to ≥11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent char  Y  -20°  -40°  -595%(Non  2G(EC6  25G(EC6  IP54(IE	eunit **C/F/K. language** Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to >500 images  4G SD card, up to >8000 images  image auto/manual reasured data image ///th infrared image er image via built-in microphone d. 7s at least  V/635nm Red  ss ss ment data and voice are transfered to PC  2-20  battery  purs  V ±5% rer or in camera ss  ++50 **C  -+70 **C  -condense)  0068-2-6)  0068-2-29)  C60529)
Settina function  Lanquages  Image Storage  Storage type  Storage mode Infrared image format Visible light image format Voice annotation Periodic image storage  Laser Point  Grade/Type Interfaces Power interface SD card slot Video output  USB Tripod Power System Battery type Battery type Battery operation time External power Charging system Power saving Environment Parameters Operating temperature range Humidity Shock Vibration Encapsulation Physical Data Size Weight  Packing  Standard	10 languages(English, French, Italian, German, Spanish, Portuguese  Built-in flash, >700 images  4G SD card, up to >11200 images  Store signal frame  JPEG, with 14-Bit in  JPEG or stored w  40s voice record, stored with p  User define  Class 2, 1ml  Y  Y  USE2.0, radiometric images, measure  1/4  Lithium  3h  DC: 5  Intelligent char  Y  -20°C-  40°C-  ≤955%(Non  2G(IEC66  25G(IEC66  IPS4(IEC66  158mm×62  ≤0.4kg(with batter)	eunit *C/F/K. language* Russian, Korean, Japanese, Simplified Chinese & Traditional Chinese)  Built-in flash card, up to >500 images  4G SD card, up to >8000 images  image auto/manual neasured data image with infrared image er image via built-in microphone d. 7s at least  W635nm Red  ss ss nent data and voice are transfered to PC  2-20  battery  burs  V ±5% ner or in camera es  ++50 **C  -+70 **C  -condense)  0068-2-6)  0068-2-29)  C60529)