# TI400|TI600

## **Thermal Imaging Cameras**

**ULIRVISION TI400|TI600** are with ergonomic design, high performance with 5MP visual camera, interchangeable lens, large 5" foldable and rotatable LCD, manual & auto focus. It can provide powerful assistance for thermographers to have the most efficient instrument for maintenance inspections.

**TI400|TI600** have a wide range temperature measurement to satisfy variety of thermograph applications and they enable you to identify the small temperature difference that could cause big problems.

#### **Features**

Folding and 270° rotatable display

Auto/Motor focus for one-hand operation

Bright LED light, laser pointer

Built-in digital camera, 5.0M resolutions

Real-time thermal video transfer to PC via USB, and remote transfer via MSN and Skype

### **Applications**

**Building Diagnostics** 

Electrical/Mechanical Inspection

Research & Development

**Automation Applications** 

Preventative & Predictive Maintenance



#### **Technical Specifications**

Item	T1400	TI600
Detector Data		
Туре	Uncoo	led FPA
IR resolution	384×288	640×480
Pixel pitch	17	'um
Spectral range	7.5~	-14um
NETD/Sensitivity		mK
Lens		****
	245	n40°
FOV		×18°
Minimum imaging distance	1m	0.3m
IFOV	1.2mrad	0.68mrad
Focus	Auto/Motor/Manual	
Lens(optional)	47°×35°/0.5m、12°×9°/1m、6.3°×4.7°/4m	45°×33°/0.5m、12°×9°/1m、6.2°×4.7°/8m
Image Performance		
Display	5". 270° tiltable L	CD. 800×480 pixels
Visual camera	5.0 me	ga pixel
Frequency	50Hz	z/60Hz
Zoom		continuous
		pow, white hot and black hot etc.)
Contract/brightness		
Contrast/brightness	Auto/	Manual
Measurement		
Temperature range	-20°C ~+600°C (can be extended to 1200°C)	
Temperature accuracy	±2°C/±2%(reading)	
Spotmeter	10 adjustable spots	
Line profile	Vertical/Horizontal	
Area	5 adjustable boxes with max/min./avg temperature value	
Isotherms analysis	Capture high/low temperature/interval	
Alarm	Voice, color	
Dew point alarm	Yes	
	Auto/Manual	
Measurement correction		
Emissivity correction	Adjustable from 0.01 to 1.0 or selected from list of materials	
Background temperature correction	A	uto
Atmospheric transmissivity correction	Α	uto
Setting function	Date/time, temperatur	e unit °C/°F/K, language
Video	Can be recor	ded and saved
Image Storage		
Storage type	Built-in flash card. >2800 images	Built-in flash card. >700 images
	16G SD card, >32000images	16G SD card, >9600 images
	Store signal frame image auto/manual	
Storage mode	JPEG, with 14-Bit measured data image	
Signal frame infrared image format	JPEG, with 14-Bit r	neasured data image
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