

TC400&TC600

IP Thermal Security Cameras

ULIRVISION TC400 & TC600 are intended for outdoor-ready model with built-in heater and IP66 designed to dust & waterproof.

TC400 & TC600 are excellent thermal security cameras to any network video security and surveillance systems that need to secure an area 24/7 basis, 365 days a year. They are the perfect tools for monitoring in the complete darkness and harsh environment such as smoke, haze, dust and light fog.

Features

Crisp thermal images video, without visual light required

2x, 4x, 8x digital zoom enables user to see objects' details

Rugged design, IP66 encapsulation

Easy to install with different brackets

Easy to operate, focus free with athermalized lens

Anti sun-radiation protection system protects the core unit

Applications

Government: ports, borders, utilities, prisons, warehouses

Firefighting: forest, manufactures, public areas, buildings

Transportation: loading docks, tunnels, railways, airports, bridges, cross roads

Industry: power plants, nuclear power plants, petrochemical & refineries

City surveillance: schools, residential estates, parking lots, retails stores



Technical Specifications

Item	TC400	TC600
Detector Data		
Detector type	FPA, uncooled detector	
IR resolution	384×288	640×480
Pixel pitch	17um	
NETD	≤60mk@30 C	
Frequency	50Hz	
Spectral range	8-14μm	
Image Performance		
Brightness/Gain	Auto adjustment	
Polarity	Black hot/White hot/Presdo-color	
Frozen	Yes	
Electric zoom	2x、 4x、 8x	
Image enhancement	Yes	
Correction	Manual correction	
Protection Cover		
Structure	Aluminum alloy	
Temperature-controlled fan	Yes	
Temperature-control heater	Yes	
Encapsulation	IP66	
Power System		
External power	DC12V±20%,50/60Hz	
Power consumption	≤72W	
Environmental Data		
Operating temperature range	-40 C ~+65 C	
Storage temperature range	-40 C ~+65 C	
Humidity	< 90%RH	
Lightning & Surge	GB/T17626.5-2008	
Physical Data		
Size	350mm×150mm×145mm	
Weight	3.0Kg	
Interface		
Interface protocol	ONVIF,PSIA,CGI,ISAPI,GB28181	
Support protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,PPPoE,SMTP, NTP,UPnP,SNMP,HTTPS,FTP,802.1x,	
Communication protocol	Pelco-D/Pelco-P	
Communication baud rate	2400/4800/9600/19200 bps	
Communication mode	RS485 (RS422 is optional)	

Lens Data

Model No.	Focal distance	F No.	FOV	Human (m)	Vehicle (m)
TC400	25mm	F=1	15°x11°	930	2800
	35mm	F=1	10.6°x8°	1280	3800
	50mm	F=1	7.5×5.5°	1700	5100
	75mm	F=1	5×3.75°	2400	6400
	100mm	F=1	3.75°x 2.75°	2950	8800
TC600	25mm	F=1	25×18°	930	2800
	35mm	F=1	17.6×13.2°	1280	3800
	50mm	F=1	12.5×9.1°	1700	5100
	75mm	F=1	8.3×6.5°	2400	6400
	100mm	F=1	6.2×4°	2950	8800