

Product

TC500



Hardware Specs

Image Sensor	1/2.7"
IR LED wavelength	850 nm
Max. IR distance	30m (98.4ft) (0.001lux)
Shutter Speed	1/16000 s to 1/30 s
Day & Night	Automatically removable infrared-cut filter
Lens type	Fixed Focal
Focal Length	2.8 mm
Field of View	110° H, 56° V, 132° D (LDC ON)
Aperture	F1.8
Max. video resolution	2880×1620 @ 30 FPS
Multi-exposure HDR	v
DNR	<ul style="list-style-type: none">• 3DNR• 2DNR
Microphone	v
Ethernet	RJ45 10M/100M Ethernet port X 1
Reset	v
On-Board Storage	Micro SD card slot X 1 Support Micro SDHC/SDXC card up to 128GB Supported file format: exFAT Note: SD card is not included
Power Supply	IEEE 802.3af Type 1 Class 3 or 12V DC
Note	<ul style="list-style-type: none">• Compatible DC power adapter: 12V/1A (Ø2.1mm)• PoE switch or 12V DC power adapter is not included.
Form Factor	Turret
Dimension	Ø97 × 88 mm (Ø3.82 x 3.46")

Weight	387 g (0.85 lbs)
Operating Condition	Starting temperature:-30°C to 50°C (-22°F to 122°F) Operating temperature:-30°C to 50°C (-22°F to 122°F) (IR off) Operating temperature:-30°C to 40 °C (-22°F to 104°F) (IR on) Operating humidity:5%~95% (non-condensing)
Storage Condition	Storage temperature:-40°C to 60°C (-40°F to 140°F) Storage humidity:5%~95% (non-condensing)
Certification	<ul style="list-style-type: none"> • FCC • CB • IC • CE • UKCA • BSMI • VCCI • RCM • KC • JATE
Environment	<ul style="list-style-type: none"> • REACH Compliant • WEEE Compliant • ROHS Compliant
Waterproof	IP67
Vandal	IK10
NDA Compliant	v
TAA Compliant	v
Warranty	3-year
Packaging Content	<ul style="list-style-type: none"> • Main Unit X 1 • Installation guide X 1 • Screw pack X 1 • RJ45 cap cover X 1

Software Specs

Software Specifications

2880×1620 @ 30 FPS
2560×1440 @ 30 FPS
2304×1296 @ 30 FPS
1920×1080 @ 30 FPS
1280×720 @ 30 FPS

Sub Stream	1920×1080 @ 15 FPS 1280×720 @ 30 FPS
Video Format	<ul style="list-style-type: none">• H.264• H.265
Bitrate Control	<ul style="list-style-type: none">• VBR• MBR
Audio Compression	G.711
Audio Denoise	v
Image Adjustment	<ul style="list-style-type: none">• Brightness• Contrast• Sharpness• Saturation• White Balance• Exposure Control• High Dynamic Range (HDR)• 3D/2D Noise Reduction• 50/60 Hz Flicker Reduction• Day/Night mode• Overlay
Day/Night Mode	<ul style="list-style-type: none">• Auto• Day• Night• Schedule
Video Orientation	<ul style="list-style-type: none">• Mirror• Flip• Rotation (0°, 90°, 180°, 270°)
Privacy Mask	<ul style="list-style-type: none">• Removeable/Unremovable mode• Up to 5 zones
Max RTSP Connections	4
Event Analytics	<ul style="list-style-type: none">• Audio Detection• Tampering Detection• Motion Detection

People & Vehicle	<ul style="list-style-type: none"> • People Detection • Vehicle Detection • Crowd Detection • Loitering Detection
Intrusion	One way or Two way
Instant Search	<ul style="list-style-type: none"> • Motion • Vehicle • People
IP Filter	<ul style="list-style-type: none"> • Auto Block • Allow/Block list
Connection Management	v
Firmware Update	<ul style="list-style-type: none"> • Automatically update to the important version • Automatically update to the latest version • Manual upload
Signed Firmware	v
HTTPS	v
SRTP	v
Storage	SD Card & Synology NAS
SD Card Recording Mode	<ul style="list-style-type: none"> • Event Analytics • Disconnected with NAS
Note	SD Card capacity under 128GB is tested by Synology
Liveview	v
Network	<ul style="list-style-type: none"> • Auto Block • Allow/Block list • Connection Management • Fixed IP/DHCP
System	<ul style="list-style-type: none"> • Reset • Restart • Manual Firmware Upgrade • DST • Time Zone • NTP Server

Camera Log Export	v
Supported Browsers	Google Chrome
Supported Language	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, ภาษาไทย, 日本語, 한국어, 繁體中文, 简体中文
Surveillance Station	Surveillance Station 9.1 or higher
Surveillance Station Client	Surveillance Station Client version 2.1.0 or higher
DS Cam	<ul style="list-style-type: none"> • Android DS cam 3.7.0 or higher • iOS DS cam 5.6.0 or higher
Camera Tool	1.0.0
Note	Built-in Surveillance Device License