

## Tuu 360 Camera (IP68)



The unique Tuu 360 Camera is a powerful IP68-rated surveillance camera suitable for use in a wide range of environments.

Machined from solid aluminium with IK10 windows, the cameras are designed to operate in all dry and wet conditions (even while immersed in water), and are impervious to vibration, shock, high and low temperatures, biohazards, biological cleaning agents, dust and flying debris.

Tuu re-deployable cameras operate from power-over-Ethernet (PoE) and can be added to most existing CCTV systems or configured to function in a standalone Tuu network, providing selective access to reduce bandwidth saturation.

Quick-fit IP68 connectors provide a sealing when cameras are removed and submersed for cleaning.

All Tuu cameras are supplied with quick-release stainless steel brackets for ceiling, wall or pole mount.

### Typical applications:

- ▶ Slaughterhouses/ abattoirs
- ▶ Clean rooms, laboratories
- ▶ Biohazard isolation units
- ▶ Cargo and loading bays
- ▶ Industrial process areas and farms,
- ▶ Cargo ships, marinas, yachts and ferries
- ▶ Open spaces - e.g. parks, car parks
- ▶ Mines, furnace rooms
- ▶ Scene of crime recording
- ▶ Exposure to extreme weather
- ▶ Military installations & forward operating bases

### Benefits include:

- ▶ Rapid installation & redeployment to meet changing security demands
- ▶ Rugged construction: impervious to water, vibration, shock, biohazards, temperature, dust and impact
- ▶ Easily integrates into existing CCTV systems
- ▶ HD video
- ▶ Integral IR for day and night operation
- ▶ Rapid demount for deep cleaning
- ▶ Operates in marine conditions
- ▶ Functions submerged in up to 1.5m water
- ▶ Use in any environment from desert to tundra
- ▶ Stainless steel version also available

# Technical Specification

## Mechanical

Chassis	Aluminum Alloy (stainless steel version also available)
Surface	2-pack polyurethane paint—light/dark grey
Connectivity	Water and dust resistant IP68, circular connectors
Dimensions	97mm x 158mm Diameter
Fixing Dimensions	Wall mount 2 x 6mm holes—Ceiling Mount 3 x 6mm holes@ 120 Degrees
Weight	Al. 2.5kgs St. St. 3.6kgs
Durability	Vandal-resistant, IK10 dome.
Working Temperature	-30°C to 60°C

## Electrical

Power	PoE (802.3at) 0.4A
Protection Level	IP68, IK10

## Camera & Lens

Camera Type	Ruggedised 360° 12MP IP camera
Min. Illumination	0.015 Lux @ (F1.2, AGC ON), 0.003 Lux @ (F1.2 AGC ON), 0 Lux with IR
Lens	2mm @F2.8 angle of view: 180° Fixed hemispherical 360° Fisheye
Max Image Resolution & Sensor	4000 x 3072 @20fps 1/1.7" Progressive Scan CMOS
Pan/Tilt/Zoom	ePTZ
Image Enhancement	3D DNR, BLC, HLC, defog
Day and Night	IR-cut filter with auto switch
IR Range	Intelligent IR range of 15 metres

## Network Connectivity

Video Compression	H.264/H264+/H265/H265+
Supported Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI

## Features

Smart Features	6 behavior analysis and 3 exception detections Heat map with Hikvision deep learning algorithm
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Detailed Specification	Available on request
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Accessories	Supplied with 3m cable and fixing brackets
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Item	Part Numbers
Tuu 360 Camera	61260
Tuu 360 Camera (Stainless Steel 316)	61265
Tuu Camera Bracket	60608
Tuu Wall/Pole Bracket	60609
Tuu Ceiling Mount	61021
Tuu 12m Cable	60989
Tuu Product & Network Overview	61008

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