

Tuu PTZ Camera



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

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 temperature, biohazards, biological cleaning agents, dust and flying debris.

Tuu redeployable cameras operate from power-over-Ethernet (PoE) and can be added to most existing CCTV systems or configured to function in a standalone network, while providing selective access to existing infrastructure 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 either wall or pole mounting.

Typical applications:

- ▶ Slaughterhouses/ abattoirs
- ▶ Industrial clean rooms
- ▶ Medical isolation units
- ▶ Laboratory environments
- ▶ Construction sites, farms, goods vehicles
- ▶ Cargo ships, marinas, yachts and ferries
- ▶ Open spaces - e.g. parks, car parks
- ▶ Scene of crime recording
- ▶ Exposure to extreme weather
- ▶ Military installations & 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
- ▶ 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 connector.
Dimensions	199mm x 200mm Diameter
Fixing Dimensions	Wall mount 2 x 6mm holes—Ceiling Mount 3 x 6mm holes@ 120 Degrees
Weight	4.1 kgs
Durability	Vandal-resistant, IK10 dome.

Electrical

Power	PoE+ (802.3at, class4) Max.: 24W.
Working Environment	Working Temperature: -10°C to 55°C
Protection Level	TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection

Camera & Lens

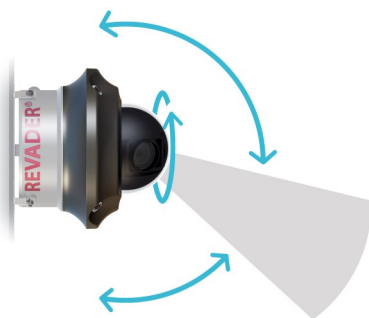
Camera Type	Ruggedised PTZ
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001Lux @ (F1.6, AGC ON)
Lens	5 to 75mm, 10mm to 1500mm (wide-tele)
FOV	Horizontal field of view: 53.8° to 4.0° (wide-tele) Vertical field of view: 31.9° to 2.3° (wide-tele) Diagonal field of view: 60.4° to 4.6°(wide-tele)
Aperture	F1.6 to F3.5
Zoom	15x optical
Resolution	1980 x 1080 HD @ 25fps
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus
Coverage	360° Endless PTZ
Movement Range	Pan: 360°, Tilt: 5° to 90°
Movement Speed	Pan: 0.1° to 160°/s, Tilt: 0.1°to 120°/s
IR Range	15 metres
Image Enhancement	HLC/BLC/3D DNR/Defog/EIS/Regional Exposure/Regional Focus

Network Connectivity

Type	Dual stream (variable bitrates to suit connectivity) Gigabit Ethernet
Video Compression	H.264+/H.265/H.264/MJPEG
Supported Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour ONVIF, ISAPI, and CGI,

Features

(These features are dependant on NVR type)	Motion Detection, Video Tampering Detection, Exception Detection Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection
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Part Numbers

Tuu PTZ Camera (inc. 3m cable)	61070
Tuu PTZ Camera (stainless steel inc. 3m cable)	61075
Tuu PTZ Camera Bracket	61078
Tuu Wall/Pole Bracket	60609
Tuu Ceiling Mount	61021
Tuu 12m Cable	60989
Tuu Network (info only)	61001