



ICT 250 DN

Indoor Dome

Overview

ICT 250 - Indoor IP Digital Speed Dome

The ICT 250 is a full-featured IP speed dome that delivers the best of both worlds: performance and affordability. This indoor speed dome provides full D1 resolution (704X480 NTSC, 704X576 PAL) with a true de-interlaced filter that produces immaculate video. Stealth Spin Technology® uses precisely machined gears, delivering unmatched smooth and accurate movement for virtually silent operation. Using state-of-the-art MPEG-4 (video) and synchronized ADPCM (audio) encoding, the ICT 250 provides superior video quality and improved network performance. The ICT 250 outperforms the competition, when compared to other network cameras using still picture encoding technology such as MJPEG or Wavelet. The ICT 250 uses ixBR® superior cross bit rate encoding technology. Using ixBR, digital video streams more fluidly because the data is encoded and streamed at a constant rate, yet it retains all the data of variable bit rate encoding!

Built for maximum long-life performance, the ICT 250 deploys a high-quality slip-ring, tested for over 20 million spins!

Key Features

- Stealth Spin Rotation Technology
- 1/4" Sony Ex-view CCD
- Filter changeable type day and night
- 26X optical with 12X digital zoom (selectable)
 - Optional 18X optical zoom with 12X digital zoom
- State-of-the-art CPU, codec and embedded software
- Superior video compression – MPEG-4
- Maximum 30 frames per second at D1 resolution with de-interlaced filter
- Bidirectional audio communication – up (ADPCM), down (PCM)
- Synchronized one channel audio and video data transmission
- Intelligent bit rate control for flexible network deployment
- Enhanced image quality
- MPEG-4 and JPEG dual stream for mobile WAP network
- Embedded streaming server and embedded Web server
- Motion-detected and event-triggered alarm processing
- Easy recording and playback on client PC
- Sensor-triggered
 - Four (4) alarm inputs
 - Two (2) relay outputs
- Auto-flip video – on/off configuration
- Wide range of network protocols supported
- System time management
 - RTC with Time Server synchronization
- Security support
 - User authentication
 - 128-bit encrypted streaming data for additional security (selectable)



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Resolution

- NTSC: 30 fps
- PAL: 25 fps
- NTSC: 768x494
- PAL: 752x582
- Horizontal Resolution: >480 TVL

Video Quality

- Minimum Luminance – Normal: 0.7 lux
- Minimum Luminance – Night Mode: 0.1 lux
- Day and Night ICR: Auto/Day/Night
- Luminance Signal-to-Noise Ratio: >50 dB
- BLC: On/Off

Lens

- f1.6~3.8 f3.5-91.0mm
- Minimum Video Distance: .32(w) /1.5 meters telephoto

Weight

- 5 lbs or 1.9 kg

Pan Tilt

- Pan: 350° per second continuous rotation
- Tilt Rotation: 0-90°
- Accuracy: 0.024°

Privacy Zones and Sectors

- 24 programmable zones
- 8 programmable sector patterns

Power and Ethernet

- PS Input Voltage: 100~250 VAC 50-60 Hz
- PS Output : 18-32 VAC @ 1.3 A
- AC Power Cable: 250 VAC, 10~16 A
- Power Consumption: 24 watts maximum
- Ethernet: 100Base-T

Package Contents

- Camera
- Power Supply
- Power Cords
- CD-ROM with Software & User Guide

Environment

Temperature

- 5~50 °C (41~122 °F) Optimum
- -20~60 °C (-4~140 °F) Endurable

Humidity

- 8~80% RH Optimum
- 0~90% RH Endurable

Certifications

- UL
- FCC
- CE
- CCC
- RoHS