

CD53 Indoor Dome Camera

Reliable 5MP Coverage for Detailed Monitoring of Indoor Spaces



Overview

The CD53 dome camera provides 5MP coverage in a range of indoor environments. With a 1 / 2.8" progressive CMOS image sensor, 2.86x optical zoom, and 30 meters / 98 feet of IR range, the CD53 offers consistent image quality in most lighting conditions at long distances. The CD53 includes an onboard CV75S Ambarella processor to support advanced analytics like AI-powered search, [Occupancy Trends](#), line crossing, loitering, and Person of Interest (POI) alerts. The CD53 excels at covering large and busy spaces such as lobbies and high-ceiling atriums, retail outlets, and major transportation hubs – serving as a critical component of enterprise deployments that require detailed face and vehicle capture at distance.

Installation of the CD53 is straightforward and efficient, and setup is easy to monitor with a three-LED status indicator. The included mount plate includes captive screws and a built-in bubble level for precise wall or ceiling installations. The CD53's ground-up design and IK08 impact rating provide a premium, tamper-resistant camera that combines durability with aesthetics.

Key features

Excellent image quality

- 1 / 2.8" progressive CMOS image sensor
- 5MP resolution
- Varifocal lens with 2.86x optical zoom
- 30 meters / 98 feet of IR range for extensive nighttime visibility

Advanced analytics

- Onboard CV75S Ambarella processor enables enhanced people and vehicle analytics
- AI-powered search and AI-powered alerts
- Occupancy Trends for operational insights

Hybrid cloud architecture

- Onboard storage and processing for reduced bandwidth consumption and coverage at scale
- 30 - 365 days (256GB - 2TB) onboard storage
- Redundant cloud backup and unlimited cloud-based archiving of footage

Streamlined installation

- Captive screws in mounting plate
- Three-LED light status indicator
- Built-in bubble level
- Physical and digital mute switches to easily enable or disable audio