



CB-DIM2028FW

1080p, Mini Dome Camera
with fixed lens



Key Features

- > Mini metal design, easy installation
- > 1/2.8" Progressive Scan CMOS
- > 2.8mm fixed lens
- > H.265 encoding, 1080p@25fps
- > WDR (120db)
- > Smart IR Up to 15m
- > ROI, Defog, Corridor mode, DIS
- > 1ch Audio in/out, 1ch Alarm in/out
- > Low bitrate, Excellent low light performance

Overview

Cubitech's middle line has been upgraded to H.265+ encoding technology, bringing high efficient video compression. With 1080p@25fps resolution and True WDR up to 120ds they provide excellent image quality even in harshly backlit environments. Embedded video analytics features such as line crossing perimeter, removed object left or removed, illegal parking etc provide efficient event triggers for the most demanding security and business requirements.

SPECIFICATIONS

CAMERA

Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	1920(H)×1080(V)
Scanning System	Progressive
Electronic Shutter	1/5-1/20000s
Min. illumination	Color:0.01Lux@(F1.2,AGC ON) ; / B/W:0Lux@(IR LED ON)
S/N Ratio	55dB
IR Range	Up to 15m
IR On/Off Control	Auto / Manual
IR LEDs	1pcs

LENS

Lens Type	Fixed
Iris	Fixed Iris
Focal Length	2.8mm
F Number	F2.0
Angle of View	H: 106.8°, V: 57.6°
Focus Control	Fixed
Close Focus Distance	0.5m

VIDEO

Compression	H.265+, H.264, MJPEG
Max. Resolution	2MP (1920×1080)
Streaming Capability	3 Streams
Stream / Frame Rate	Stream1: 1920×1080/1280×720 @25/30fps Stream2: D1/VGA/640×360/CIF/ QVGA @25/30fps Stream3: VGA/CIF/QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 500kbps~12000kbps Stream2: 100kbps~6000kbps Stream3: 100kbps~3000kbps
Day/Night	ICR
Image Enhancement	HLC / Defog / WDR (120dB)
White Balance	Support
Gain Control	Auto/Manual
Noise Reduction	2D/3D DNR
Electronic Image Stabilization(EIS)	Support
Smart IR	Support
Mirror	Support
Region of Interest	Support
Motion Detection	Support
Privacy Masking	Support

AUDIO

Compression	G.711, RAW_PCM
Bit Rate	64kbps (G.711), 128kbps (RAW_PCM)

INTELLIGENCE

IVS	Perimeter, Single Virtual Fences, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad
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NETWORK

Protocols	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, APR, SNMP
Interoperability	ONVIF
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox
Smart Phone	IOS, Android

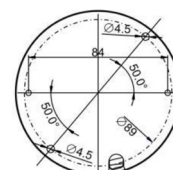
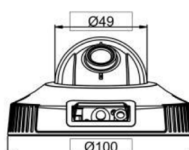
INTERFACE

Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio In, 1ch Audio Out, (Microphone Optional)
Alarm	1ch Alarm In, 1ch Alarm Out
RS485	N/A
BNC Output	Support
Reset Button	Support
Edge Storage	Micro SD, Max 128GB

ELECTRICAL

Power Supply	DC12V/PoE
Power Consumption	2.5W(IR LED OFF), 5W (IR LED ON)
Operating Temperature	Starting Temperature: -30°C ~ 60°C (-22°F ~ 140°F) Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66, IK10
Certifications	CE / FCC
Casing	Metal
Dimensions	Φ 100×53mm
Net Weight	400g

DIMENSIONS



CUBITECH LTD