
MEGAPIX®

IP Cameras



Facial Recognition Analytics IP Cameras

- Facial Recognition & Watchlists
- Allow & Block Lists
- Line Crossing & Intrusion Detection
- Tampering Detection
- Built-In Warm White Light
- F1.0 Super Aperture Lens

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FACIAL RECOGNITION ANALYTICS IP CAMERAS

MEGApix 4K cameras combine facial recognition, built-in video analytics and white light illumination to secure your perimeter and simplify access control.



Facial Recognition & Watchlists

Facial recognition and watchlists simplify access control management.



Built-In Video Analytics

Video analytics for line crossing, perimeter intrusion and tampering detection.



White Light Illumination

White light illumination built in for color and details in any lighting.

FACIAL RECOGNITION

Use the COVA NVR's IdentiSee smart search or DW Spectrum's Smart Object Search to track foot traffic, identify people accessing your perimeter and view relevant footage.



COVA NVR — IdentiSee Smart Search



DW Spectrum — Smart Object Search

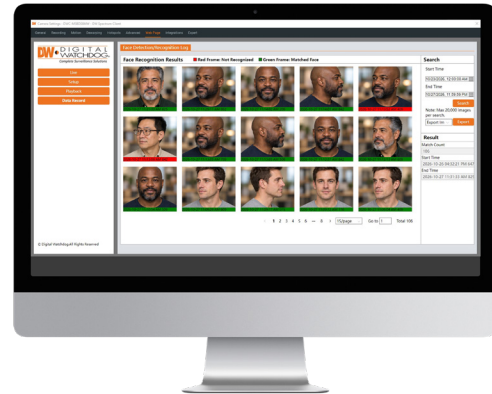


10,000 FACES INTERNAL DATABASE, CATEGORIZATION AND COMPARISON

On-camera database of up to 10,000 unique faces stores facial records for identification in facial recognition mode. Local microSD slot stores captured faces for face recognition and comparison to the internal database.



10,000 faces database stored on the camera's internal memory



Facial recognition and comparison with faces captured and stored on the camera's microSD card.

FACIAL RECOGNITION ALLOW AND BLOCK LISTS

Establish a database of personnel with and without access to restricted areas. Review breaches in security, or link allowed personnel to access control for an automated process and flow.



BRIGHTER, TRUER IMAGES IN ANY LIGHT

F1.0 Super Aperture Lens

The camera's lens has an F1.0 wider-than-average aperture, allowing more light to enter the lens than an F2.0 lens, resulting in brighter images.

DW Camera

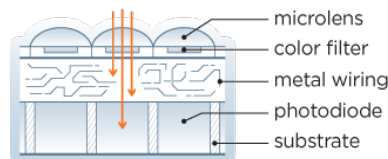
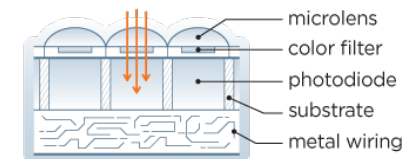


Conventional Camera



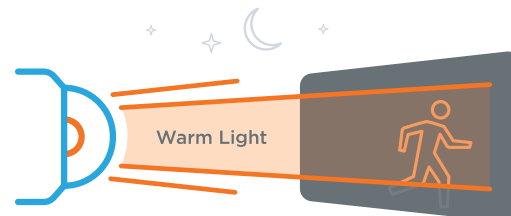
Back-Illuminated Sensor (BIS) Technology

Backside illumination inverts the position of the pixels and circuitry to collect light from the sensor's backside, improving light capture from 60% to over 90%.



Environmentally-Friendly Warm Light

Warm white light minimizes light pollution in residential areas while keeping true color, with no harsh discoloration in color images.



BUILT-IN VIDEO ANALYTICS

These cameras include line crossing, perimeter intrusion and tampering analytics that alert operators to security events instantly.



Line Crossing

Detect and alert users when a pre-defined line is crossed in any direction.



Perimeter Intrusion

Detect and alert users when a pre-defined area is crossed in any direction.



Tampering

Detect and alert users to changes in the camera's image, including blur, over- or under-exposure, color change or extreme interference.



MODEL	DWC-MSBD08BW	DWC-MSBD08MW	DWC-MSDG08BW	DWC-MSDG08MW	DWC-MSTE08BW	DWC-MSTE08MW
Image sensor	4K 1/1.8" CMOS sensor					
Total pixels	3840 (H) × 2160 (V)					
Focal length	2.8mm, F1.0	2.8-12mm, F1.0	2.8mm, F1.0	2.8-12mm, F1.0	2.8mm, F1.0	2.8-12mm, F1.0
Lens type	Fixed lens	Vari-focal lens with motorized zoom and autofocus	Fixed lens	Vari-focal lens with motorized zoom and autofocus	Fixed lens	Vari-focal lens with motorized zoom and auto-focus
Horizontal Field of view (HFOV)	110°	104°-55°	110°	104°-55°	110°	104°-55°
Illumination distance	98ft range	164ft range	65ft range	98ft range	98ft range	98ft range
Audio input/output	1 audio input and 1 microphone built-in/ 1 output					
Alarm input/output	1 input/1 output					
AI-based analytics	Facial recognition, detection and tracking. Object detection, classification and tracking of humans, vehicles, motorcycles, and bicycles.					
Analytics filters	Line crossing, perimeter intrusion, tampering, Object Classification, and facial recognition.					
Day and night	Color only					
Video management software	DW Spectrum, COVA					
Startup & Operating temperature	-22°F - 140°F (-30°C - 60°C)	-22°F - 140°F (-30°C - 60°C)	-22°F - 140°F (-30°C - 60°C)	-22°F - 140°F (-30°C - 60°C)	-22°F - 140°F (-30°C - 60°C)	-22°F - 140°F (-30°C - 60°C)
IK rating	N/A	N/A	IK10	IK10	N/A	N/A
IP rating	IP67-rated					
Other certifications	FCC, CE, ROHS, ONVIF, NDAA					
Material	Metal bullet housing	Metal bullet housing	Metal vandal dome, polycarbonate domes	Metal vandal dome, polycarbonate domes	Metal turret, polycarbonate lens cover	Metal turret, polycarbonate lens cover
Dimensions	8.69" x 3.16" x 2.77" (220.8 x 80.5 x 70.6mm)	10.7" x 3.85" x 3.52" (272 x 98 x 89.5mm)	4.6" x 3.54" (117 x 90mm)	5.43" x 3.93" (138 x 100mm)	5.14" x 5.32" (130.6 x 135.25mm)	5.14" x 5.32" (130.6 x 135.25mm)
Warranty	5 year warranty					

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