

Dynacom WM4X16N

Multi Sensor 16 Megapixel Ultra High Resolution IP Camera



WM4X16N 16 Megapixel Multi-Sensor IP Camera

**16 Megapixel Indoor / Outdoor Panoramic
(360° or 180°) WDR Surround View Camera**

Sensor: 1/1.8" Progressive Scan CMOS x 4ea

Pixel: 2688*1520, up to 12 streams

Dynamic Region of Interest (ROI)

Smart AVC(Advanced Video Coding).

Smart AVC

Efficiently, frame rate priority & Quality priority feature give the most fluid data stream at low bandwidth from built-in Smart AVC(Advanced Video Coding).

Independent ISP and Encoding block

Totally, up to 4 ISPs and Encodings provide the most suitable optimized scenes with any environments and real time frame rates up to 1440p x 4.

ROI(Region of Interest)

Gives efficient video rates with optimized video quality. Frequently moving areas are keeping much better quality.

Double Scan sensor with advanced built in ISP

Double scan sensor provides up to 60fps at 1440p resolution. (Encoding max performance 1440p 30fps)

Easy way to install with module separation structure

Sensor block with lens built-in modules are highly efficient way to cover whatever types of scene circumstances



Fluid integration way

The latest Onvif profile is optimized to have interoperability with any kind of purpose.

Optimized Multiple Profile Streaming

Up to 12 streams are able to be set by different setting parameters such as res. video rate and frame rate.

360° or 180° Panoramic View

User can put four sensors together to have 180 degree view.



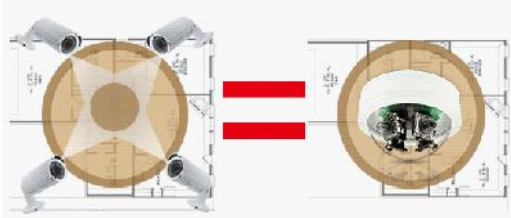
Watching Corridor

Users can deploy WM4X16 camera to monitor the same direction but different Distance such as corridor.



Flexible Coverage

Users can adjust the shooting direction of each sensor, even change the lens to achieve the optimal viewing angle.



Complete Open

The users can deploy the camera with 3rd-party software basing Onvif protocols.



Dimensions and Accessories :



Ceiling Mount
DB103



Wall Mount
DB105

Video	
Sensor type	1/1.8" Progressive Scan CMOS x 4 each
Sensor pixels	2688(H) X 1520(V) x 4 each sensor
Sensitivity	0.4 lux (F2.0)
Video streams	12 streams 1440p30 + 480p/30 with H.265 + MJPEG(Max SVGA) x 4
Max Resolution	2560 X 1440 x 4
Video compression	H.264/MJPEG (MP, BP, HP)
WDR	ON/OFF WDR(2x,3x)
3D DNR	Yes
Smart Feature	
Special Feature	Smart AVC, Dynamic ROI
Lens	
Field of View	D:104°, H:90°, V:55°(2.8mm), D:101°, H : 81°, V : 43° (4mm)
Focal Length	2.8mm, F1.8 / 4mm, 6mm, 8mm F2.0
Shutter Speed	Auto / Manual (1/30 ~ 1/32000), Anti-Flicker, Slow
Day & Night	Auto ICR Switch
Connection	
Analog video out	1 port CVBS 1.0V p-p (75Ω)
Alarm input	1 alarm in
Alarm out	1 alarm out
Audio (optional)	
Audio input	Line in connector
Audio output	Line out connector
Audio communication	Two-way, full duplex
Audio compression	G.711 (live and recording)
Software Control	
Unit configuration	Via web browser or PC surveillance software
Network	
Protocols	IPv4/IPv6, Zero config(Auto IP), TCP/IP, UDP, RTP(UDP/TCP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2), ONVIF
Ethernet	10/100 Base-T, auto-sensing, half/full duplex, RJ45
Recording	Micro SD / SDHC / SDXC x 4
Security	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication(ID/PW)
Mechanical	
Dimensions	Diameter: 192 mm Height: 84 mm
Weight	2 kg with outdoor housing and bracket
Environmental	
Operating temperature	-30°C to +60°C (-22°F to +140°F)
Storage temperature	-40°C to +70°C (-40°F to +158°F)
Humidity	10% to 90% relative humidity (non condensing)
Others	
Approvals	CE / FCC / UL / IP66 / IK10
Ordering Information	WM4X16N 16MP 4-Sensor Camera
Power	
Input voltage	+12 VDC or Power-over-Ethernet
Power consumption	18 W (max)