



UFD706

5-Megapixel Fisheye Dome Camera

1/3.2" Lumii sensor, H.264, triple streaming, ICR day/night, 3DNR, SDHC/SDXC card slot

MESSOA UFD706 5MP fisheye dome camera features 5-megapixel resolution for maximum image detail and coverage for mission critical applications. Fitted with a single fisheye lens, the camera eliminates blind spots by providing 360° surround view or 180° panoramic view based on different methods of installation. With the advanced image processing technology, the camera offers a variety of viewing options for detailed monitoring and analytic purposes. Users could even pan, tilt or zoom in digitally on regions of interest, making the UFD706 an ideal solution for omnidirectional surveillance at airports, subway stations, shopping malls and more.



True Day/Night with Mechanical ICR

Featuring Infrared (IR) Cut Filter Removable (ICR) function, the camera is perfect for capturing truer color images at day time with IR being filtered out. At night, it is allowed for the camera working in B/W mode and being more sensitivity, thereby capturing clearer monochrome images.



SDHC/SDXC Card Support

The camera supports onboard storage to record images and/or video clips with the built in memory card slot for high-capacity SDHC/SDXC card up to 128GB. Recording could be initiated upon motion-detected events or network loss. The saved data can be easily managed via remote access.



Superb Low Light Performance

Images can be clearly seen without blur at poor lit environments for as low as 0.1lux. The built-in low light sensor enhances the camera's sensitivity and reduces video noise, allowing users to see more under low light conditions.



Installation-facilitating PoE

Built in support for Power over Ethernet (IEEE 802.3af) reduces cost, while adding flexibility to installation. A single cable connection is used to view, power, and control the camera, reducing installation costs as any redundant cable is eliminated.

Specifications

Video	
Sensor Type	1/3.2" progressive scan CMOS sensor
Active Pixels	2592 x 1944 (HxV)
Compression	H.264 / MJPEG
Streaming	Triple simultaneous streams with multiple video profile
Resolution	2592x1944, QXGA (2048x1536), 1080P, 1280x960, 720P, SVGA (800x 600), VGA (640x480), 640x360, QVGA (320x240), 320x180
Max. Frame Rate	5MP 4:3 (2592x1944) at 12 fps 3MP 4:3 (2048x1536) at 15 fps 2MP Full HD 16:9 (1920x1080) at 30/25fps (NTSC/PAL)
Day/Night	Mechanical (ICR) D/N Control
Day/Night Mode	Auto / BW / Color
Shutter Time	1/10,000s to 1/7.5s Selectable (60Hz); 1/10,000s to 1/6.25s Selectable (50Hz)
Minimum Illumination	Color: 0.4 lux at 50 IRE, 0.08 lux at 10 IRE, F1.8 (Shutter speed: 1/15 sec) B/W: 0.1 lux at 50 IRE, 0.01 lux at 10 IRE
Bit Rate Control	CBR, VBR
Lens	
Lens Type	Built-in; fixed focal
Focal Length	f=1.4mm, F1.8
View Angle	H: 180° / V: 180°
Image Enhancement	
Image Settings	AES, AWB, AGC Exposure Mode: AES / ALC / Flickerless / Manual; White Balance: Auto / Manual; Backlight Compensation; Configurable Brightness, Contrast, Hue, Saturation, and Sharpness, Gamma Correction
DNR	3DNR
Privacy Zone	Yes, up to 8 privacy zones
Image Orientation	Mirror, Flip
Frequency Control	NTSC (60Hz) / PAL (50Hz)
Date & Time Stamp	Yes
Intelligent Video & Event Management	
Motion Detection	Yes, 3-level sensitivity
Ethernet Detection	Network loss detection
Others	Optimized i-frame (GOP) setting
Events	Motion detection
Event Actions	Event snapshot to remote FTP storage/email recipients, HTTP event query, HTTP event client pulling
Store Category	Event snapshot, Manual Snapshot, Manual Recording
Local Storage*	
Memory Card Slot	SDXC/SDHC card support
Memory Card Overwrite	Yes

Network	
Protocol	ARP, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, RTSP/RTCP/RTP, QoS, SMTP, SNMP, TCP, TLS/TLS, UDP, UPnP, IEEE802.1X
Ethernet	IEEE 802.3, 10Base-T/100Base-TX Ethernet connection for LAN / WAN, 1 x RJ45
ONVIF	Yes
Browser	Internet Explorer, Chrome, Firefox, Safari
Security	Multiple user access levels with password protection; IP address filtering IEEE 802.1X network access control, HTTPS encryption, and digest authentication
I/O & Controls	
Power	All-in-one tail cable out, Female RJ-45
Power LED Indicator	System power and status indicator
Network	Female RJ-45
System Reboot	Reset x 1
Factory Default	Default x 1, pressing 5 sec for loading factory default
Power	
Power Requirement	PoE (IEEE 802.3af), class 0
Power Consumption (Max.)	7W
Mechanical	
Dimensions(ΦxH)	Ø126mm x 56mm (Φ4.96" x 2.20")
Weight	300g (0.66 lb)
3-Axis	Yes
Pan/Tilt Adjustment	Pan: -177° ~ 177°(Max.), Tilt: 35° ~ 90°(Max.), Rotate: -177° ~ 177°(Max.)
Environmental	
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)
Operating Humidity	90% RH, non-condensing
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Regulatory	
Approvals	CE, FCC, RoHS
Ordering Information	
Model No.	NTSC: UFD706-N3-MES; PAL: UFD706-P3-MES
Accessories	Surface mount: standard package support

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1. Memory card not included.
2. No memory card slot & local storage function for Argentina and Ecuador

Dimensions

