



PRODUCT SPEC SHEET
R2-12MPFISH

12MP Fisheye IP Camera

4000x3000, Built-in SD Card Slot



The R2-12MPFISH is a 12MP (4000x3000) fisheye camera constructed with a 1.8mm lens that provides a 360° panoramic view and HD image quality.

FEATURES

- 1/1.7" PROGRESSIVE SCAN CMOS
- 25FPS @ 12MP (4000x3000)
- MULTI DEWARPING MODES AND FRONT END IMAGE CORRECTION
- SUPPORTS HUMAN AND VEHICLE DETECTION
- INTELLIGENT ANALYSIS: INTRUSION, LINE CROSSING, LOITERING, WRONG WAY, PEOPLE COUNTING, SMART MOTION DETECTION AND HEAT MAP
- DWDR, 3D DNR, ROI, DEFOG, HLC
- BUILT-IN MICROPHONE
- SMART IR DISTANCE UP TO 15M
- IP66 RATED
- WARRANTY: 36 MONTHS
- PART #: R2-12MPFISH
- UPC: 840049308411
- DIMENSIONS: Ø5.12" x 1.51" x 1.51"
- WEIGHT: 1.10 LB



FOR MORE INFORMATION, CONTACT YOUR ADI SALES PERSON.

CAMERA

IMAGE SENSOR	1/1.7" PROGRESSIVE SCAN CMOS
MAX. RESOLUTION	4000(H)x3000(V)
ELECTRONIC SHUTTER	AUTO/MANUAL, 1/5 ~ 1/20,000S
MIN. ILLUMINATION	COLOR: 0.01 LUX @ (F2.4, AGC ON) B/W: 0 LUX @ (IR LED ON)
DAY & NIGHT	AUTO (ICR)
IR DISTANCE	UP TO 15M (49.2 FT)
IR ON/OFF CONTROL	AUTO/MANUAL

LENS

LENS TYPE	FIXED
IRIS	FIXED IRIS
FOCAL LENGTH	1.8MM
F NUMBER	F2.4
ANGLE OF VIEW	180°x180°

VIDEO

STREAMING CAPABILITY	2 STREAMS
MAIN STREAM	ONE-CHANNEL: 4000x3000, 4000x2000, 3840x2160, 3000x3000, 3000x752, 2560x2560, 1920x1080 @25/25FPS MULTI-CHANNEL: 1520x1520, 960x960, 720x720, 640x640 @25/25FPS
SUB STREAM	ONE-CHANNEL: 1280x960, D1, 720x720 @25/25FPS MULTI-CHANNEL: 640x640@25/25FPS
BIT RATE CONTROL	CBR/VBR
BIT RATE	ONE-CHANNEL: STREAM1: 500KBPS-16MBPS STREAM2: 200KBPS-8MBPS MULTI-CHANNEL: STREAM1: 100KBPS-12MBPS STREAM2: 100KBPS-6MBPS

SMART ENCODER	SUPPORTED
REGION OF INTEREST (ROI)	SUPPORTED

IMAGE

IMAGE ADJUSTMENT	BRIGHTNESS, SHARPNESS, CONTRAST, SATURATION ADJUSTABLE
MIRROR	SUPPORTED
WHITE BALANCE	AUTO/MANUAL
DAY/NIGHT SETTING	AUTO, DAY, NIGHT, TIME
SMART IR	SUPPORTED
NOISE REDUCTION	2D/3D DNR
IMAGE ENHANCEMENT	HLC, BLC, DEFOG
WIDE DYNAMIC RANGE	DWDR
S/N RATIO	55DB
MOTION DETECTION	SUPPORTED
PRIVACY MASKING	SUPPORTED (SINGLE-CHANNEL MODE)

AUDIO

COMPRESSION	G.711A, G711U, RAW_PCM, NONE
BIT RATE	16KBPS (G.711)

SMART FUNCTIONS

SMART DETECTION	SUPPORTS HUMAN AND VEHICLE DETECTION
INTELLIGENT ANALYSIS	INTRUSION, SINGLE LINE CROSSING, DOUBLE LINE CROSSING, LOITERING, WRONG-WAY, SMART MOTION DETECTION. (SUPPORT AVAILABLE ONLY IN SINGLE-CHANNEL MODE) SUPPORTS ALARM TRIGGERING BY SPECIFIED TARGET TYPES (HUMAN AND VEHICLE).
PEOPLE COUNTING	SUPPORTED

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HEAT MAP	SUPPORTED
FISHEYE DISPLAY	
MOUNT TYPE	CEILING MOUNT, WALL MOUNT, TABLE MOUNT
DECODING MODE	ON-BOARD DEWARPING/CLIENT-SIDE DEWARPING
DISPLAY MODE	12 DISPLAY MODES IN TOTAL CLIENT-SIDE DEWARPING: FISHEYE VIEW, FISHEYE VIEW + 3PTZ, FISHEYE VIEW + 8PTZ, 4PTZ, CYLINDER, 180 PANORAMA VIEW, 360 PANORAMA VIEW, 360 PANORAMA + PTZ, 360 PANORAMA + 3PTZ, 360 PANORAMA + 6PTZ, 360 PANORAMA + 8PTZ, HALF SPHERE ON-BOARD DEWARPING: FISHEYE VIEW, 360 PANORAMA VIEW, 4PTZ, 180 PANORAMA VIEW, FISHEYE + 3PTZ
NETWORK	
PROTOCOLS	IPV4/IPV6, TCP/IP, HTTP, HTTPS, UPNP, UDP/IP, RTSP /RTCP/RTP, IGMP/MULTICAST, SMTP, DHCP, NTP, DNS, QOS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
INTEROPERABILITY	ONVIF, SDK
STREAMING METHOD	UNICAST
MAX. USER ACCESS	10 USERS
WEB VIEWER	<IE11, CHROME, FIREFOX
LANGUAGE	ENGLISH, CHINESE, POLISH, ITALIAN, PORTUGUESE, SPANISH, RUSSIAN, FRENCH, CZECH, HUNGARIAN. DEFAULT: ENGLISH
INTERFACE	
NETWORK INTERFACE	1 ETHERNET (10/100 BASE-T) RJ45 CONNECTOR
AUDIO INTERFACE	1CH INPUT, 1CH OUTPUT
MICROPHONE	BUILT-IN 1CH MIC
ALARM INTERFACE	1CH INPUT, 1CH OUTPUT
SD CARD SLOT	BUILT-IN, UP TO 256GB

RESET BUTTON	SUPPORTED
ELECTRICAL	
POWER SUPPLY	DC12V (-15%~+20%)/POE (IEEE 802.3AF)
POWER CONSUMPTION	MAX 9W
OPERATING TEMPERATURE	-30°C ~ 60°C (-22°F ~ 140°F)
OPERATING HUMIDITY	LESS THAN 90% RH
INGRESS PROTECTION	IP66
CERTIFICATIONS	CE/FCC
CASING	METAL
DIMENSIONS	ø130 × 38.3MM (ø5.12" x 1.51")
NET WEIGHT	0.5KG (1.10 LB)

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