

**IPFCAMA12FA****FISHEYE IP CAMERA, 12MP 1.65MM****ADVANCE  
SERIE**

Advance series Fisheye IP camera, fixed 1.65mm lens, viewing angle 360°, resolution 12MP @30fps. Fisheye / Panoramic / PTZ viewing. IR LEDs with a range of 20 metres. Onvif compatible, compression H.265+ / H.265 / H.264+ / H.264 MJPEG. Video analysis functions: Line cross detection (distinction between humans / vehicles), Detection of Entry into / Exit from / Intrusion into an area (distinction between humans / vehicles), Human / vehicle counting on a line. MicroSD slot (max. 256 GB). Audio: 1 in / 1 out / built-in microphone. Alarms: 1in / 1out. IP67 waterproof die-cast aluminium enclosure, power supply 12 VDC/PoE. Compatible with Advance series NVRs with 8 or more channels. Accessories: JBA-FA, CMA-FA, WMA-FA, PMA-A, AMA-A.

**AWARDS**



## IPFCAMA12FA

# FISHEYE IP CAMERA, 12MP 1.65MM

### MAIN FEATURES

Camera sensor	1/1.7" CMOS Progressive Scan
Lens optical dimensions (mm)	1.65
Horizontal FoV (°)	180 / 360
Electronic shutter (s)	1/3 ÷ 1/100000
Sensitivity	0.01 (colour), 0 (B/W, led IR ON)
Signal/noise ratio (dB)	>50
Video transmission	Triple streaming
Management software	Comelit CCTV Manager
Video resolution	12MP

### SOFTWARE/FIRMWARE SPECIFICATIONS

Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G711A/U
Frame rate	30fps
Bit rate range (Mbit/s)	0.13 ÷ 16
Protocols supported	DDNS, Comelit DNS, DHCP, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, UDP, UPnP, SNMP, IEEE 802.1x, RTMP, ONVIF (Profile-S), ONVIF (Profile-G), ONVIF (Profile-M)
Updating firmware using network	Yes
Users connected at the same time	6
Network security	Multi-user authorization, HTTPS, AES encryption, RTSP verif.
Remote viewer from browser	Edge, Firefox, Chrome, Safari
Remote control by mobile	APP Comelit CCTV
Latest firmware version	5.2.0.54606B240122.IF1.U1(13F11)

### FUNCTIONS

Motion detection	Yes
Video analytics	Line crossing detection (human / vehicle classification), Region entrance / exit / intrusion detection (human / vehicle classification), Vehicles / people counting



**IPFCAMA12FA**

**FISHEYE IP CAMERA, 12MP 1.65MM**

**FUNCTIONS**

Privacy zones (n°)	4
Back light compensation (BLC)	BLC, HLC
Digital effects	Mirror (Horizontal, Vertical, 180° rotation), ROI zones, Saturation, Brightness, Contrast, Sharpness, Image flip
Wide Dinamic Range (WDR)	D-WDR
Enhanced DNR control	3DNR
White balance control	Automatic, Indoor, Manual, Outdoor
Camera titling	Yes

**HARDWARE SPECIFICATIONS**

IR LED lighting distance	10m
Vandal Resistant rating (IK code)	IK10
IP protection rating	IP67
Alarm Inputs/Outputs	1/1
Audio Inputs/Outputs	1 + Mic / 1
RS-485 control	Yes
LAN output type	Ethernet 10/100 Mbit/s (RJ45)
Support SD card (card not included)	Micro-SD (256GB max)

**GENERAL DATA**

Supply voltage	12VDC
Max absorption (W)	10.5
PoE power supply	Standard IEEE 802.3af
Type of power supply	PoE, External power supply
Diameter (mm)	130
Height (mm)	46.3
Product weight (g)	516
Type of finishing materials	Die-cast aluminum
Housing type	Fisheye



**IPFCAMA12FA**

**FISHEYE IP CAMERA, 12MP 1.65MM**

**GENERAL DATA**

Product color	White
Operating temperature (°C)	-30 ÷ 50
Operating humidity (RH max) (%)	25 ÷ 95

**IPFCAMA12FA****FISHEYE IP CAMERA, 12MP 1.65MM****ACCESSORIES****WMA-  
FA ADVANCE NEXT WALL BACKPLATE**

Wall-mounting bracket for Next and Advance cameras. For model compatibility please refer to the diagram in the download section.

**PMA-  
A ADVANCE ADVANCE NEXT BEUGEL OP PAAL POLE-MOUNTING BACKPLATE**

Pole-mounting accessory for Next and Advance cameras. For model compatibility please refer to the diagram in the download section. Pole diameter from 80 to 140 mm

**JBA-  
FA ADVANCE NEXT CONNECTION BOX IP66**

Junction box for securing Next and Advance cameras. For model compatibility please refer to the diagram in the download section.

**CMA-  
FA ADVANCE NEXT CEILING BACKPLATE**

Ceiling-mounting accessory for Next and Advance cameras. For model compatibility please refer to the diagram in the download section.

**AMA-  
A ADVANCE NEXT CORNER BACKPLATE**

Corner-mounting accessory for Next and Advance cameras. For model compatibility please refer to the diagram in the download section.