



FC2020-P

The 2-megapixel FC2020-P cube displays up to full HD1080p resolution, it is ideal for home, small office and small retail applications. The camera makes full use of infrared technology; it is equipped not only with IR LED illuminators (5m distance), but also passive infrared sensor (PIR) for enhanced motion detection. Camera supports Wide Dynamic Range (WDR) and Digital Noise Reduction (DNR) for cleaner image under changing lighting conditions.



features



full HD
resolution



IR distance of
5 meters



passive
infrared
sensor (PIR)



day / night
function



plug and play

key features

- 2-megapixel 1/3.2" CMOS sensor with fixed lens (f=3.6mm)
- supports up to 1920 x 1080 at 25fps, up to 640 x 480 at 30fps
- H.264 / MJPEG / MPEG-4 compression (tri-codec)
- supports plug and play feature with AVer DVRs/NVRs
- built-in mechanical ICR (IR-cut filter removable) and IR LEDs (5m) for excellent day and night visibility
- supports Wide Dynamic Range (WDR) and Digital Noise Reduction (DNR) to deliver cleaner, sharper images in low-light environments
- local storage backup when an event is triggered or the network is down
- event trigger actions: mail, FTP, save to microSDHC card, relay, Samba
- NXU Lite video management software (free up to 32CH)

specs

model	FC2020-P
application environment	
indoor / outdoor	indoor
weatherproof	-
vandal-proof	-
day / night control	auto / manual / schedule
camera images	
sensor	1/3.2" CMOS
min. illumination	color: 1.0 lux @ F1.6 0 lux @ F1.6 (IR LED on)
built-in IR LEDs	yes
IR distance	5m
mechanical ICR	yes
auto iris	-
lens	
lens type	fixed lens (manual focus)
F/no	F1.6
focal length	f=3.6mm
angle of view	53.1° (horizontal) 29.5° (vertical)
bracket adjustment	-
video	
compression	H.264 / MPEG-4 / MJPEG simultaneously
max. resolution (H.264 / MJPEG)	full HD (1920 x 1080)
max. frame rate	H.264 / MJPEG up to 25fps (1920 x 1080) H.264 / MJPEG up to 30fps (640 x 480) MPEG-4 up to 20fps (1920 x 1080)
streaming	H.264 / MPEG-4 / MJPEG
multiple streams	yes
WDR (Wide Dynamic Range)	D-WDR
BLC (Backlight Compensation)	-
DNR (Digital Noise Reduction)	2D

IMD (Intelligent Motion Detection) zone	3
privacy mask	3
image orientation	mirror, flip
audio	
audio encoder	G.711 / G.726 audio compression
audio streaming	2-way audio
microphone	built-in microphone
network	
protocols	HTTP, HTTPS, TCP/IP (IPv4, IPv6) SNMP, QoS/DSCP, Access list, RTSP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP (video only), Samba, Bonjour
Ethernet	Ethernet (10/100 Base-T), RJ45 connector
security	password protection, IP address filtering, HTTPS encrypted data transmission
wireless	-
users	up to 10 users simultaneously
alarm	
trigger event	mail, FTP, save to microSDHC card, relay, Samba
interface	
digital input / output	1 / 1
built-in storage option	microSDHC card (32GB max.)
general	
power supply	DC 12V / PoE
DC	power consumption 3W (IR LED on) 2.88W (IR LED off)
PoE	PoE Class 0 (IEEE802.3af) power consumption: 4.32W (IR LED on) / 3.84W (IR LED off)
dimensions	59 W x 93.7 H x 45.5 D (mm)
net weight	150g (w/o bracket)
temperature and humidity	0°C ~ 40°C, 20% ~ 80%
other value-added features	PIR
software	
VMS	NXU Lite (free bundle up to 32CH)
	English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French,

supported languages

German, Greek, Hebrew, Hungarian, Italian, Japanese, Norwegian,
Polish, Portuguese, Romanian, Russian, Simplified Chinese,
Slovak, Spanish, Swedish, Thai, Traditional Chinese, Turkish

*specifications are subject to change without prior notice