FX3000-R

The 3-megapixel AVer FX3000-R box IP camera (network camera) can capture streaming images at high definition resolutions up to 2048 x 1536. With True WDR technology, challenging lighting conditions, such as intense glare or backlighting, are effectively managed so every object onscreen is seen clearly. FX3000-R also comes equipped with Smart Stream and Region of Interest (ROI) technology, allowing for smart bandwidth/storage optimization through targeted image capturing.
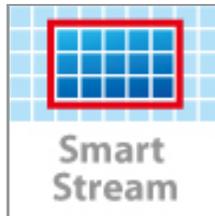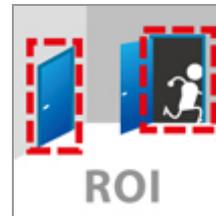
Full HD 1080 **Onvif**
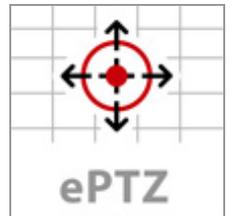
features

| 3-megapixel | True WDR | Smart Stream | Region of Interest (ROI) | ePTZ |

key features

- 3-megapixel 1/3" CMOS sensor with vari-focal lens (f=3.1~8mm)
- supports up to 2048 x 1536 at 20fps, 1920 x 1080 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) for excellent day and night visibility
- supports sensor-based True Wide Dynamic Range (True WDR) to greatly increase visibility by minimizing the effects of extreme lighting contrast from backlight or glare
- supports dynamic Digital Noise Reduction (DNR) to deliver cleaner, sharper images in low-light environments
- supports Smart Stream and Region of Interest (ROI) and Event Booster technology, allowing for smart bandwidth / storage optimization through targeted image capturing
- EN50130-4 certified, ensuring high surge and electro-thermal resistance

- 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	FX3000-R
application environment	
indoor / outdoor	indoor / outdoor (with suitable housing)
weatherproof	-
vandal-proof	-
day / night control	auto / manual / schedule
camera image	
sensor	1/3" CMOS
min. illumination	color: 0.15 lux @ F1.2 black & white: 0.0015 lux @ F1.2
built-in IR LEDs	-
IR distance	-
mechanical ICR	yes
auto iris	yes
optional lens	
lens type	vari-focal lens (CS mount)
F/no	F1.2
focal length	f=3.1~8mm
angle of view	86.7° (W) ~ 35.2° (T) (horizontal) 64.4° (W) ~ 26.5° (T) (vertical)
video	
compression	H.264 / MPEG-4 / MJPEG simultaneously
max. resolution (H.264 / MJPEG)	2048 x 1536
max. frame rate	H.264 / MJPEG up to 20fps (2048 x 1536) H.264 / MJPEG/ MPEG-4 up to 30fps (1920 x 1080)
streaming	H.264 / MPEG-4 (3GPP only) / MJPEG
multiple streams	yes
WDR (Wide Dynamic Range)	True WDR
BLC (Backlight Compensation)	yes
DNR (Digital Noise Reduction)	dynamic, 3D, 2D
Smart Stream	yes
ROI (Region of Interest)	yes

IMD (Intelligent Motion Detection) zone	3
privacy mask	3
image orientation	mirror, flip
audio	
audio encoder	G.711 / G.726 / AAC audio compression
audio streaming	2-way audio
microphone	built-in microphone
network	
protocol	HTTP, HTTPS, TCP/IP (IPv4, IPv6), QoS/DSCP, UPnP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, 3GPP (video only), Samba
Ethernet	Ethernet (10/100 Base-T), RJ45 connector
security	password protection, IP address filtering, HTTPS encrypted data transmission
user	up to 10 users simultaneously
alarm	
trigger event	Event Booster, mail, FTP, save to SDHC card, relay, Samba
interface	
digital input / output	1 /1
built-in storage option	SDHC card (32G max.)
general	
power supply	DC 12V / PoE
DC	power consumption 5W
PoE	PoE Class 3 (IEEE802.3af) power consumption: 6.5W
dimensions	69 W x 58.6 H x 165.05 D (mm)
net weight	490g (w/o bracket)
temperature and humidity	0°C ~ 50°C, 20% ~ 90%
other value-added features	ePTZ, EN50130-4
software	
VMS	NXU Lite (free bundle up to 32CH)
supported languages	English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Norwegian, Polish, Potuguese, Romanian, Russian, Simplified Chinese, Slovak, Spanish, Swedish, Thai, Traditional Chinese, Turkish

*specifications are subject to change without prior notice