



Alfatron 4K UHD Camera



TECHNICAL SPECIFICATIONS

Specifications

Image Sensor : 1/2.5 Inch High Quality 4K CMOS Sensor

Effective Pixels : 8.28MP 16:9

Video Output Port : 1* USB3.0, Type B, support audio output over USB3.0

Audio Input : 2 built-in MIC pickups

View Angle : 126°(D)/120°(H)/85°(V)

Video Format:

Mainstream : 3840×2160@30fps,
1920×1080P@30fps/25fps,
1280×720P@30fps/25fps, etc.

Sub-stream:1280×720P@30fps/25fps,
640×480P@30fps/25fps,
320×172P@30fps/25fps, etc.

Min Illumination : 0.1Lux (F1.8, AGC ON)

Lens : f=2.72mm

Aperture : F2.5

Digital Zoom : 4X

DNR : 2D & 3D DNR

Ultra-low Illumination : On/Off

White Balance : Auto / Manual/ One Push/
3000K/ 3500K/ 4000K/ 4500K/ 5000K/
5500K/ 6000K/ 6500K/ 7000K

Focus : Auto / Manual/ One push Focus
(available on AM series)

Exposure : Auto / Manual

Auto Framing : On/Off/Sensitivity

Backlight Compensation : On/Off

Dual Stream : On/Off

SNR : >55dB

USB Feature

Operation Systems : Windows 7(1080p at the most), Windows 8.1, Windows 10; macOS™ 10.10 or higher, Linux (Required to support UVC.)

Video Compression Format : YUY2, MJPG, H.264, H.265

Audio Over USB3.0 : Support

USB Communication Protocol : UVC, UAC

PTZ Control : Support EPTZ

Hardware Requirement : 2.4 GHz Intel@ Core 2 Duo processor or higher, 2GB RAM or more, USB 2.0 /USB3.0 port (USB 3.0 is needed for 4K)

Other Parameters

Input Voltage : 5V