

Day & Night IP Video Call Door Box

Camera	
Model#	AiS-E22R-15Y2S (Erie)
Image sensor	1/2.7" Progressive scan CMOS
Effective pixels	1920 (H) x 1080 (V)
Infrared cut filter	Auto / Schedule / Day (colour) / Night (mood)
White balance	Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor
Back light compensation	Off / On
Sense Up	Off / 1 Frame / 2 Frames
MoonLight	Yes
Auto Gain Control	36dB variable gain
High Dynamic Range	Up to 100dB
Privacy masking	Off / On (4 zones)
ePTZ	Yes
Live video output	CVBS 1.0Vp-p, 75 ohm, connector(cable with RCA)
Light sensor	Visible-light detection range 1~1000 Lux
Motion sensor	PIR , Detection Area 94°(H) / 82°(V) , Detection range 5M (max.)

Lens	
Focal length	2.1mm
Iris	F1.8
Angle of View	F.HOV 129°
Min. Illumination	Colour : 0.5 Lux at F1.8, B/W : 0.1 Lux at F1.8, 0 Lux with IR LED ON
Shutter time	1/30(1/25)s~1/30000s
Lens distortion correction (LDC)	Yes

Power	
Power consumption	DC12V, 10.5W / PoE, 12W
Power supply	DC14V ±10% PoE (IEEE 802.3af compliant)

Video	
Video compression	H.264, Motion JPEG
Resolutions	1920 x 1080 / 1280 x 720 / 720 x 480 / 640 x 480 / 352 x 240
Frame rate	H.264: up to 30fps @ 1920 x 1080 MJPEG: up to 30fps @ 720 x 480
Video streaming	RTP/HTTP, RTP/TCP, RTP/UDP
Image settings	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Lens Distortion Correction

Audio	
Two-way audio	G.711 / PCM / AAC with echo cancelation
3D Noise Reduction	Off / 1~32 selectable
Audio input/output	Built-in microphone and speaker

PC requirement	
OS	Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8
Browser	Windows Internet Explorer 6.0 and later
CPU	Intel Core 2 Duo E6400 2.13GHz or above
RAM	2GB or above, Independent Display Card

Network	
Protocols	IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF, SNMP, SIP
Mobile phone	iPhone, iPad and Android
Video bitrate	128Kbps~8Mbps Frame rate and bit rate controllable on-the-fly VBR / CBR / GOP supported
OS	Embedded Linux 3.8.0
OSD	Text overlay for date, time, and camera name
Video display	Ai Universal ActiveX & ACUMEN Java Applet

Integration	
Application programming interface	Open API for integration including Ai camera application platform
SIP support	Yes
ONVIF	Profile S
Analytics	Alarm / Motion / Tampering / PIR detection
Alarm function	Alarm / motion / tampering / PIR detection triggering recording into SD card Image upload over HTTP, FTP, and E-mail by alarm / motion / tampering / PIR detection

General	
Casing	Matte aluminum black or brushed aluminum black faceplate finish
CPU, Memory	Embedded SoC, 816 MHz ARM Cortex-A9, 512MB DDR3, 256MB flash memory
Connectors	10Base-T/100Base-Tx, RJ-45
SD card recording	Support Micro SD/SDHC/SHXC card for circular recording (card not included)
Operating conditions	-65°C~65°C
Dimensions	114mm (W) x 250mm (H) x 34mm (D)
Weight	850g
Approvals	CE
IP rating	IP55 waterproof
Mounting option	Surface mount
Warranty	3-year warranty

Intercom	
Intercom	True H.264 video and 2-way audio
Microphone	Voice pickup from 3 metres away
Speaker	2 Watts
Keypad	One door bell button

Network security	
User accounts	10 users accounts available
Access	Multiple user access levels with password protection
Encryption	Base 64 HTTP encryption

Illuminator	
Peak wavelength	Infrared LED (850nm) and White LED
Beam spread	60°
Radiant distance	10 metres

Others	
Users	8 simultaneous users
Alarm input/output	Digital 2 input (TTL, +3 – 5VDC) / 1 Output (Relay dry contact N.O. / N.C. , Load max. 24VDC/1A)
Maintenance	Firmware update via HTTP Firmware available at www.acumenin.com