



◆ SPECIFICATION

Model NO.	KWS200
Package	
NVR	1x KWS-NVRCE436W (Recorder)
Camera	2 x KWS-EP2W (With PIR Detector) 1 x KWS-EG2W (With Gas Detector) 1 x KWS-ES2W (With Sound Alarm)
WIFI Range	No Obstacles 300m Max
Hard Disk	1x1TB Seagate Hard Disk ST1000VX005
Mouse	1xUSB 2.0 Mouse
Adaptor	1xDC 12V 2A for WIFI NVR, 4xDC 12V 0.5A for WIFI IP Camera
Weight	5.6kg/SET
Camera Model	KWS-EP2W, KWS-EG2W, KWS-ES2W
Camera	
Image Sensor	1/3" SONY Low Illumination CMOS Sensor
Resolution	2MP 1080P
Effective Pixels	1920(H)*1080(V)
Compression	H.264/H.264+/H.265/H.265+/JPEG/AVI/MJPEG
TV System	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
S/N Ratio	≥52dB
Scanning System	Progressive
Video Output	Network
Reset Button	Optional
LENS Type	
Focus Length	3.6mm
Focus Control	Fixed
Lens Type	Fixed
Pixels	3M Pixels
Night Vision	
Infrared LED	42μ x 2PCS Optional
Infrared Distance	30M
IR Status	Auto Control
IR Power On	Auto Control
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP
ONVIF	Support ONVIF 2.4
P2P	YES, Support QR Code
POE	/
Video Delay	0.35 (Within the Lan)
Main Stream 1	1920*1080@1-20fps(default resolution:1920*1080/frame rate:15fps/bit rate:2Mbps)
Main Stream 2	1280*720@20fps
Main Stream 3	/
Sub Stream 1	720*480@1-20fps(default frame rate:15fps/bit rate:0.5Mbps)
Sub Stream 2	/
Sub Stream 3	/
Tri Stream	354*288@(1-20)fps(default frame rate:15fps)
IE Brower	IE8-11, Google Chrome(under version 45), Firefox(under version 53), Mac Safari
Smart Phone	iPhone, iPad, Android, Android Pad
Wireless	
Antena	3dbi
Hotspot	NO
Wi-Fi	Wi-Fi(IEEE802.11b/g/n)
WIFI Range	No obstacles 300m Max.
Camera Features	
Day/Night	Color/ B&W (IR-CUT)
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, White Balance, FLK(Flicker Control)
Corridor Pattern	/
ROI	/
Defog Mode	YES
BLC	YES
HDR	/
WDR	YES
Motion Detection	Support
Smart Alarm	PIR Detecto(KWS-EP2W), Gas Detector(KWS-EG2W), Sound Alarm(With KWS-ES2W)
Privacy Masking	3 Rectangular Zone
Recording Mode	NVR/NAS/VMS/Web
Language	Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands, Czech
Interface	
Audio	/
Alarm	/
SD Card Slot	/
RS485	/
General	
Housing	Plastic
Anti-cut Bracket	YES
IR Cut Filter	YES
Operation Temperature	-10℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
Power Source	DC12V±10%, 500mA
Dimension	156*70*88(mm)
Weight	650g

Model	KWS-NVRCE436W
System	
Main Processor	ARM Cortex A7 Quad-core Processor
Operating System	Embedded LINUX
Video	
Input	4CH (2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, etc)
Output	1 VGA, 1 HD
Audio	
Input	/
Output	1 Port RCA(Linear, 1kΩ)
Audio Bit Rate	64kbps
Audio Compression standard	G711u, G711a, G726
Alarm	
Sensor Input	NO
Output	NO
Motion Detection	4 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, alarm output
Display	
HD1	Resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HD2	/
VGA	Resolution:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Display Split	4CHxD1/1CHx1080P/1CHx3MP/1CHx4MP/1CHx5MP
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection
Recording	
Video Compression	H.264/H.265/H.264+/H.265+
Resolution	5MP(2592×1944),4MP(2688×1520),3MP(2048×1536),1080P(1920×1080),960P(1280×960),720P(1280×720),D1 (720×576/720×480)
Record Rate	PAL :5MP@4×25fp,4MP@4×25fp,3MP@4×25fp,1080P@4×25fp, 960P@4×25fp,720P@4×25fp, D1@4×25fp NTSC: 5MP@4×30fp,4MP@4×30fp,3MP@4×30fp,1080P@4×30fp, 960P@4×30fp, 720P@4×30fp, D1@4×30fp
Record Mode	Manual\Timer\Motion Detection\Alarm
Playback & Backup	
Local Sync Playback	1CH 5MP@30fps, 1CH 4MP@30fps, 2CH 3M@30fps, 4CH 1080P@20fps, 4CH 960P@30fps, 4CH 720P@30fps
Decode Capability	4CH 1080P@20fps
Remote Sync Playback	YES
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
Playback Functions	Play, Pause, Stop, Fast Play, Digital Zoom
Backup Mode	Network/USB(With usb hub)
Network	
Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Incoming Bandwidth	28MB
Network Functions	TCP/CP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP, p2p
Onvif Version	Support Onvif 2.4
Web Browser	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
CMS Software	Support Windows 7/ Windows 8/Windows 10
Cloud Support(P2P)	Yes
Smart Phone	iPhone, iPad, Android, Android Pad
POE	/
WIFI	Support, WIFI Range: No Obstacles 300m Max.
Storage	
Interface Type	1 SATA Hard Disk Interface (2.5"/3.5" SATA)
Capacity	Up to 8TB capacity
eSATA	/
General	
Language	Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek
USB Interface	1 USB 2.0 Interfaces
RS485	/
Power Supply	DC12V/2A
Working Environment	-10~55°C/10~90%
Dimension(W×D×H)	260*215*43(mm)
Weight	2.0KG (without HDD)

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