olix ®

OXVR4C-X1
4 Channel Penta-brid 1080P Smart 1U Digital Video Recorder

H.265	4CH	1080P HDMI/VGA	COAX AUDIO	1200m LONG DISTANCE	P2P	HDD SRE

Smart H.265+
Smart Codec, H.265+ can reduce up to 90% bit rate and storage requirements compared with H.264 without having to invest in new cameras.

HDCVI/AHD/TVI/CVBS Auto-detect
The XVR can auto recognise the signal of the camera without any setting changes. It makes operation more user friendly and convenient.

High Definition Camera Input
The XVR supports up to 5MP HDCVI camera and 6MP IP camera input.

POS Functionality
This function includes POS ticket information overlay and search which can be widely used in retail programs.

Long Distance Transmission
The HDCVI system supports long distance transmission over coaxial cable and UTP, max. 700m for 4K/4MP, 800m for 1080P and 1200m for 720P.

Intelligent Video System (IVS)
With built-in intelligent video analytics, the XVR has the ability to detect and analyse moving objects for improved video surveillance. The XVR provides optional standard intelligence allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed.

Face Detection
Facial detection is a technology being used in a variety of applications for searching or identification of individuals.

Smart Search
This function speeds up the search facility by drawing a region of interest when searching in a specific timeline. This speeds up the search process in the event of an incident.

Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded LINUX

Audio & Video

Analogue Camera Input	4 Channel, BNC
HDCVI Camera	5MP, 4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps
AHD Camera	5MP, 4MP, 1080P@25/30, 720P@25/30fps
TVI Camera	5MP, 4MP, 1080P@25/30, 720P@25/30fps
CVBS Camera	PAL/NTSC
IP Camera Input	4+2 Channel, each channel up to 6MP
Audio In/Out	1/1, RCA
Two-Way Talk	Reuse audio in/out, RCA

Display

Interface	1 HDMI ,1 VGA
Resolution	1920×1080, 1280×1024, 1280×720
Multi-Screen Display	When IP extension mode not enabled: 1/4 When IP extension mode enabled: 1/4/6
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording — When IP extension mode enabled:

Video Compression	H.265+/H.265/H.264+/H.264
Resolution	5M-N, 4M-N, 1080P, 1080N, 720P, 960H, D1, CIF
Record Rate	Main stream: The 1st channel 5M-N (1~10fps), other channels 4M-N/1080P (1~15fps); 1080N/720P/960H/D1/CIF (1~25/30fps) Sub stream: D1/CIF (1~15fps)
Video Bit Rate	32Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (General/Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 60 min (Default: 60min), Pre-record: 1~30sec, Post-record: 10~300sec Record: 10~300sec
Audio Compression	AAC (Only for the 1st channel), G.711A, G.711U, PCM
Audio Sample Rate	8KHz, 16bit Per Channel
Audio Bit Rate	64Kbps Per Channel

Video Detection & Alarm

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22×18), Video Loss, Tampering and Diagnosis
Alarm Input	N/A
Relay Output	N/A

Playback & Backup

Playback	1/4
Search Mode	Time /Date, Alarm, MD and Exact Search (Accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Third-Party Support

Third-Party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolour, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

Network

Interface	1 RJ-45 Port (100M)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, SNMP, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P,IP Search (Supports Dahua IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 16.12, CGI Conformant

Storage

Internal HDD	1 SATA Port, up to 6TB capacity
eSATA	N/A

Auxiliary Interface

USB	2 USB 2.0
RS232	N/A
RS485	N/A

Electrical

Power Supply	DC12V/1.5A
Power Consumption (Without HDD)	<10W

Environmental

Operating Conditions	-10°C ~ +45°C (+14°F ~ +113°F), up to 55°C/131°F with case fan, 10~ 90% RH
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0~90% RH

Construction

Dimensions	Smart 1U, 205mm×211mm×45mm (8.1″×8.3″×1.8″)
Net Weight (without HDD)	0.5kg (1.2lb)
Gross Weight	1.1kg (2.2lb)
Installation	Desktop installation

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Certifications

Certifications	FCC: Part 15 Subpart B
	CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024