# XVR514L-32

32 Channel Penta-brid 1080P Lite 1.5U Digital Video Recorder

**WINIC**



| Lite Series | Smart H.264+ | Plug&Play | 8/16/32CH | P2P | 1080p HDMI / VGA |

· Embedded processor
· H.264+/H.264 dual-stream video compression
· Support HDCVI/AHD/TVI/CVBS/IP video inputs
· Max 32 channels IP camera inputs, each channel  up to 5MP
· Max 128Mbps Incoming Bandwidth
· Smart Search and Intelligent Video System

# XVR514L-32
## 32 Channel Penta-brid 1080P Lite 1.5U Digital Video Recorder

**WINIC**

### System Overview

Presenting the XVR, a perfect solution to upgrade existing video surveillance systems. The XVR supports penta-brid access technology, allowing effortless integration with popular industry formats including HD-CVI, AHD, HD-TVI, CVBS, and IP. This offering is an affordable solution loaded with flexible options.

Designed with compatibility in mind, the XVR makes use of a coaxial system's most popular features (namely the lower system cost, simple plug-and-play installation, and use of existing cable), while incorporating the extensibility of a network camera system. It is ideal for a wide range of applications such as public safety, retail store, transportation, home protection, and education.

### Func ions

**Smart H.264+**
Smart Codec, H.264+ can reduce up to 70% in bandwidth and storage requirements without having to invest in new cameras.

**HD-CVI/AHD/HD-TVI/CVBS Auto-detect**
The XVR can automatically recognize the camera's signal type without any settings changes.

**5MP Resolution**
The XVR supports 5MP HD resolution (2560 x 1920) IPC input for recording and live viewing.

**Spot Output**
Now selectable for either VGA or HDMA, "Spot Output" allows the operator to designate a secondary monitor specially assigned to view selected cameras in a specific arrangement or a programmed tour.

**Intelligent Video System (IVS)**
With built-in intelligent video analytics, the XVR has the ability to detect and analyze moving objects for improved video surveillance. The XVR provides optional standard intelligence at the edge 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**
This technology allows for users to search or identify individuals in footage by faces.

**Smart Search**
This function helps operators get even more out of motion detection by allowing the users to search a certain drawn region in a camera's view, highlighting movement within their respective timestamps. It is very useful when an emergency occurs.

# XVR514L-32

## 32 Channel Penta-brid 1080P Lite 1.5U Digital Video Recorder

WINIC

### Technical Specification

#### System

| | |
|---|---|
| Main Processor | Embedded Processor |
| Operating System | Embedded LINUX |

#### Display

| | |
|---|---|
| Interface | 32CH: 2 HDMI, 1 VGA, 1 TV |
| Resolution | 1920×1080, 1280×1024, 1280×720, 1024×768 |
| Multi-screen Display | 32CH: 1/4/8/9/16/25/36 |
| OSD | Camera title, Time, Video loss, Camera lock, Motion detection, Recording |

#### Video Detection and Alarm

| | |
|---|---|
| Trigger Events | Recording, PTZ, Tour, Alarm Out, 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 | 8/16/16 |
| Relay Output | 6 |

#### Playback and Backup

| | |
|---|---|
| Playback | 32CH: 1/4/9/16 |
| Search Mode | Time /Date, Alarm, MD and Exact Search (accurate to second), Smart search |
| 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 |

#### Storage

| | |
|---|---|
| Internal HDD | 4 SATA Ports, up to 8TB capacity for each disk |
| eSATA | 1 Port |

#### Auxiliary Interface

| | |
|---|---|
| USB | 32CH: 3 USB Ports (1 USB 2.0 , 2 USB 3.0) |
| RS232 | 1 port, for PC communication & Keyboard |
| RS485 | 1 Port, for PTZ Control |
| RS422 | 1 Port, for PTZ Control |

#### Third-party Support

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

#### Audio and Video

| | |
|---|---|
| HDCVI Camera Input | 32 Channel |
| IP Camera Input | 16+8/32 Channel, each channel up to 5MP |
| Audio In/Out | 4/1, BNC |
| Two-way Talk | 1 Mic In, 1 Mic Out, BNC |

#### Recording

| | |
|---|---|
| Compression | H.264+/H.264 |
| Resolution | 1080P, 1080N, 720P, 960H, D1, HD1, BCIF, CIF, QCIF |
| Record Rate | Main stream: 1080P(1~15fps) 1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub steram:D1/CIF/QCIF(1~15fps) |
| Bit Rate | 1Kbps ~ 6144Kbps Per Channel |
| Record Mode | Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop |
| Record Interval | 1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec |

#### Network

| | |
|---|---|
| Interface | 1 RJ-45 Port (1000M) |
| Network Function | HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, P2P, IP Search (Support Dahua IP camera, DVR, NVS, etc.) |
| Max. User Access | 128 users |
| Smart Phone | iPhone, iPad, Android |
| Interoperability | ONVIF 2.42, CGI Conformant |

#### Electrical

| | |
|---|---|
| Power Supply | AC100V-240V, 50/60Hz |
| Power Consumption | <30W (Without HDD) |

#### Environmental

| | |
|---|---|
| Operating Conditions | -10°C ~ +55°C (+14°F ~ +131°F), 0~ 90% RH |
| Storage Conditions | -20°C ~ +70°C (-4°F ~ +158°F), 0~ 90% RH |

#### Construction

| | |
|---|---|
| Dimensions | 1.5U, 440mm×417mm×76mm (17.3"x 16.4" x 3.0") |
| Net Weight | 6kg (13.23lb) (without HDD) |
| Gross Weight | 7kg (15.43lb) |
| Installation | Desktop installation/Rack-mounted |

#### Certifications

| | |
|---|---|
| | FCC: Part 15, Subpart B: 2015 |
| Certifications | CE: EN 55032:2015(Class B), EN 55024:2010+A1:2015, EN 50130-4:2011+A1:2014, EN 61000-3-2:2014, EN61000-3-3:2013 |
| | UL:EN60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013 |

# XVR514L-32

32 Channel Penta-brid 1080P Lite 1.5U Digital Video Recorder

## Rear Panel

W-XVR5432L