

IVR-1683UP-N

16 路網路監控錄影主機



主要特點

- 整合 OpenAI、基於瀏覽器的 ChatGPT 直覺操作AI助手^{*1*2}
- 可選配的 25TOPS AI 加速卡及多樣 AI 智慧事件佈防功能^{*3}
- 新的 AI 影像解碼，提升錄影儲存時間
- 最多支援 2 顆內接硬碟錄影
- 支援 ONVIF
- 雙網路卡架構，可獨立區網管理攝影機
- 支援 POE (IEEE 802.3AF^{*4}) 每埠電源獨立控制^{*5}
- 支援最高 8MP@30 張錄影^{*6}
- 支援 Mozilla Firefox、Safari 及基於 Chrome 核心的瀏覽器連線監看
- 支援 RAID 0、1、5^{*7}

*1 須註冊會員帳號與主機綁定認證 *2 追加功能可透過韌體更新支援 *3 智慧事件啟動數量上限由 AI 加速卡效能決定

*4 IEEE 802.3at 為可選項目須使用指定規格之電源供應器 *5 總供電量上限由主機決定

*6 單分割模式下使用主碼流，多分割模式下每頻道子碼流最高解析度為 1280x720@30 *7 具體支援仍需根據RAID要求之硬碟數量設定



| 型號 | | IVR-1683UP-N |
|-----------|-----------------------------|---|
| 產品圖片 | | |
| 影像 | 輸入 | 16路 |
| | 頻寬 | 最高 200Mbps (每頻道最高 主碼流: 6 Mbps + 子碼流: 1 Mbps) |
| | 單分割(主碼流) 即時影像及錄影重播 | 最大 8MP@30/25fps、 5MP@30/25 fps、 4MP@30/25 fps、 3MP@30/25 fps、 1080P@30/25 fps、 720P@30/25 fps (ONVIF 2.4) |
| | 多分割(子碼流) 即時影像及錄影重播 | 720P @ 30 fps、 VGA @ 30 fps |
| | 螢幕輸出 | 1 個 HDMI (最大解析度 3840 x 2160) 影音輸出 及 1 個 VGA (最大解析度 1920 x 1080) 影像輸出 |
| 聲音 | RCA輸入 | 1 |
| | RCA輸出 | 1 |
| 系統 | 作業系統 | 嵌入式 Linux 作業系統 |
| | 系統晶片 | NT98336 |
| | 影像解碼 | H.264/H.265 |
| | AI 功能 | 可選 (人臉辨識、物件偵測(人、車、腳踏車、越線偵測、區域入侵)、跌倒偵測) |
| | 內接硬碟 | 最多 3 個 SATA 裝置 (2 個3.5吋硬碟 + 1 個eSATA輸入介面) |
| | 外接硬碟 | 支援 (eSATA介面) |
| | RAID | 支援 (RAID 0, 1, 5) |
| | 警報輸入/繼電器輸出 | 8 組警報輸入 2 組繼電器輸出 |
| | 序列通訊介面 | 1 組RS-485 |
| | USB埠 | 1 個USB 2.0 1 個USB 3.0 |
| | 尺寸 (mm) | 430(寬)x55(高)x293(深) |
| | | 額定功率 |
| 顯示 | 分割模式 | 1, 4, 9, 16, SEQ. |
| | 自動跳台 | 1 ~ 99 秒 |
| | 模式 | 放大檢視、子母畫面、自動跳台 |
| 錄影 | 錄影效能 (60Hz / 50Hz 網路攝影機) | 最大 8MP@30/25fps、 5MP@30/25 fps、 4MP@30/25 fps、 3MP@30/25 fps、 1080P@30/25 fps、 720P@30/25 fps |
| | 模式 | 持續錄影、事件錄影、排程錄影 |
| 重播 | 搜尋模式 | 日期/時間、事件 |
| | 放大 | 數位放大 (x2 ~ x5) |
| 網路 | 介面 | 16 個 RJ45 網路埠(10/100Mbps) 1 個 RJ45 網路埠做為上行線路 (1000Mbps) |
| | PoE供電 | IEEE802.3af (16 埠) / at 最高輸出240W |
| | 協定 | TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS, FTP, SMTP |
| | Onvif | 支援 |
| | 遠端軟體 | 智慧型裝置應用程式: Socatch Windows 應用程式: iWatchDVR macOS 應用程式: Socatch 桌面瀏覽器: Mozilla Firefox, Safari, Chromium核心瀏覽器 |
| | 帳戶權限 | 1 個管理者 + 10 個使用者 |
| | 行動裝置 | 蘋果、安卓 |
| 備份 | 介面 | USB |
| | 音訊備份 | 支援 |
| | 備份方式 | 網路、外接USB裝置等 |
| 警報 | 事件紀錄 | 最多 10000 筆事件循環覆蓋 (感測器、移動偵測、影像遺失、開/關機、遠端登入、遠端登出、硬碟錯誤) |
| OSD與DVR控制 | 多國語言 | 支援 |
| | 觸控螢幕 | - |
| | 系統更新 | USB 隨身碟、iWatchDVR遠端應用程式 |
| 標準規格 | 操作溫度 | 0°C ~ +55°C (32°F ~ 131°F) |
| | 操作濕度 | 10%~80% |

IVR-1683UP-N

16 Channel Network Video Recorder



Main Features

- Intuitive AI assistant built into your browser, powered by OpenAI API^{*1*}^{*2}
- An optional 25 TOPS AI acceleration card and a wide range of intelligent AI event detection features available^{*3}
- New AI-powered video decoding enhances recording efficiency and extends storage time.
- Up to 2 internal hard drives for recording
- ONVIF compliant
- Dual network interfaces for independent camera management on separate LANs
- Supports PoE (IEEE 802.3af^{*4}) with per-port power control^{*5}
- Supports recording up to 8MP at 30fps^{*6}
- Compatible with Mozilla Firefox, Safari, and Chromium-based browsers for live view
- Supporting RAID 0, 1, and 5^{*7}

^{*1} Requires a registered member account and device binding authentication. ^{*2} Additional features are supported through firmware updates.


^{*3} The maximum number of smart event triggers depends on the performance of the AI accelerator card.

^{*4} IEEE 802.3at is optional and requires a compatible power supply. ^{*5} The maximum total power output is defined by the unit.

^{*6} In single-split mode, use the main stream. In multi-split mode, each channel supports a sub-stream with a maximum resolution of 1280x720@30 fps.

^{*7} Actual support depends on the number of HDDs required for the selected RAID.



| Model | | IVR-1683UP-N |
|-------------------------|--|---|
| Picture | |  |
| Video | Input | 16CH |
| | Bandwidth | Max. 200Mbps (Max. Main stream: 6 Mbps + Sub stream: 1 Mbps per channel) |
| | Single Live & Playback channel | Max. 8MP@30/25fps · 5MP@30/25 fps · 4MP@30/25 fps · 3MP@30/25 fps · 1080P@30/25 fps · 720P@30/25 fps (ONVIF 2.4) |
| | Multiple Live & Playback channels | 720P @ 30 fps · VGA @ 30 fps |
| | Output | 1 HDMI (Max. 3840 x 2160) with Audio and 1 VGA (Max. 1920x1080) |
| Audio | Input | 1 |
| | Output | 1 |
| System | Operating System | Embedded Linux OS |
| | SoC | NT98336 |
| | Video Compression | H.264/H.265 |
| | AI Features | Option (Face Recognition, Object Detect(Human, Vehicle, Bike, Tripwire, Perimeter), Fall Down Detect) |
| | SATA Devices | Max. 3 x SATA Devices (HDD x 2 + eSATA x 1) |
| | External HDD | YES (eSATA) |
| | RAID | Support (RAID 0, 1, 5) |
| | Alarm In / Relay Out | Alarm-in x 8 Relay-out x 2 |
| | Serial Interface | RS-485 x1 |
| | USB Ports | USB 2.0 x 1 USB 3.0 x 1 |
| | Dimension (mm) | 430(w)x55(h)x293(d) |
| | Power Rating | AC 100/240V 280W |
| Display | Split Screen | 1, 4, 9, 16, SEQ. |
| | Auto Channel Switching | Switching time : 1 ~ 99 sec |
| | Mode | Zoom, PIP, Auto SEQ. |
| Recording | Recording Throughput (60Hz /50Hz IP Camera) | Max. 8MP@30/25fps · 5MP@30/25 fps · 4MP@30/25 fps · 3MP@30/25 fps · 1080P@30/25 fps · 720P@30/25 fps |
| | Mode | Continuous, Event, Schedule |
| Playback | Search Mode | Date/time, Event |
| | Zoom | *Digital (x2 ~ x5) |
| Network | Interface | 16 x RJ45 Ethernet port (10/100Mbps) 1 x RJ45 Ethernet uplink port (1000Mbps) |
| | POE | IEEE802.3af / at (16 Ports) Max. 240W |
| | Protocol | TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP, DDNS, FTP, SMTP |
| | Onvif | YES |
| | Remote Software | Mobile device application: Socatch Windows application: iWatchDVR macOS application: Socatch Desktop browser: Mozilla Firefox, Safari, Chromium-based browsers |
| | Account | 1 Admin + 10 Users |
| | Mobile Device | iOS, Android |
| Backup | Interface | USB |
| | Audio Backup | YES |
| | Backup Type | Network, Ext. USB flash device etc |
| Alarm | Event Log | Up to the 10000 events (Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full) |
| OSD & DVR Control | Multi-Language | Supported |
| | Touch Panel | - |
| | System Upgrade | USB Flash Drive, iWatch DVR |
| General | Operating Temperature: | 0°C ~ +55°C (32°F ~ 131°F) |
| | Operating Humidity: | 10%~80% |