



Enterprise performance.

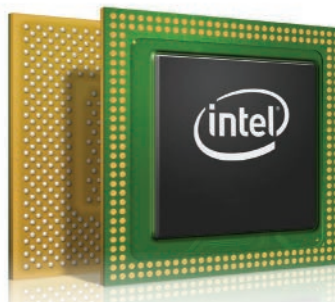
Ultimate Series: Network video recorders available in 64 and 128 channels

Purpose built for large installations, Ultimate Series network video recorders deliver excellent performance and unparalleled record, backup & storage functionality for the most demanding of surveillance applications.

- Record beyond Ultra HD up to 12.0MP (4000 x 3000)
- 384Mbps incoming bandwidth with H.265 support
- 10TB HDD support for up to 160TB footage storage
- 7" HD LCD on-recorder display with 4 channel split
- RAID HDD optimisation; supports global hot-spare
- High performance Intel® quad core processors
- Native Ultra HD live view on 4K monitors via HDMI
- Live view, playback & record via your phone/tablet
- Video analytics including people counting, face detection, tripwire, intrusion, heat map & more



Expand up to 128 IP Cameras



High Performance CPUs



Versatile Storage & Backup

Specifications	NVR64ULTNPV2	NVR128ULTNPV2
Main Processor	Intel® Quad Core Processors	
Operating System	Embedded Linux	
Video Input	64 channels	128 channels
Two-way Talk	1 channel input, 1 channel output, RCA	
Interoperability	ONVIF 2.4, CGI conformant	
Video Output	2 x HDMI, 1 x VGA	
Display Resolution	Configurable from 3840 x 2160 to 1024 x 768	
Display Split	1/4/8/9/16/25/36/64, Extra display: 1/4/8/9/16	1/4/8/9/16/25/36/64, Extra display: 1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
Recording Resolution	Configurable from 12.0MP (4000 x 3000) to CIF (352 x 288)	
Incoming Bandwidth	384Mbps	
Video Compression	H.265 / H.264 / MJPEG	
Bit Rate	16kbps ~ 20Mbps per channel	
Record Modes	Manual / Schedule (Regular [Continuous], Motion Detection, Alarm) / Stop	
Record Interval	1~120 min (default: 60 min) / Pre-record: 1~30s / Post-record: 10~300s	
Alarm Input / Output	16 channels input / 8 channels relay output (N.O/N.C)	
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer, Screenslips	
Video Detection	Motion Detection, Motion Zones: 396 (22 x 18), Video Loss & Tampering	
Playback Sync	128Mbps (RAID 5 mode) / 64Mbps (single HDD mode)	
Search Modes	Time/Date, Alarm, Motion Detection, Exact Search (to the second), Smart Search	
Backup Modes	USB Device / Network / eSATA Device / Internal SATA burner	
Ethernet	4 x RJ-45 (10/100/1000Mbps), Load Balancing or Independent	
Power over Ethernet	N/A	
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search, P2P	
Optical Interface	2 x 1000Mbps Fibre Interface	
Max. User Access	128 users	
Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone* (limited functionality)	
Internal HDD	16 x SATA ports up to 10TB, max. 160TB HDD capacity	
HDD Modes	Single disk, RAID 0/1/5/10 (Global hot-spare support)	
USB Interface	4 ports: 1x USB3.0 / 3x USB2.0	
Auxiliary Inputs	1 x RS232 / 1 x RS485 / 1 x eSATA / 1 x Mini SAS	
Power Supply	100 ~ 240VAC, 50 ~ 60Hz (Power Redundancy Available)	
Power Consumption	< 51W (without HDD)	
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa	
Dimensions / Rack Units	530 x 485 x 133mm / 3U	
Weight	18.10kg (without HDD)	
Application	<p>Diagrams</p>	

Your local VIP Vision™ IP solutions professional: