



**IPNVR164F**

**NVR W/64 4K IP INPUTS, 8TB HDD**



Stand-alone network video recorder (NVR) for 64 x IP 4K / 5MP / 3MP / FULL-HD (1080p) / HD (960p/720p) inputs, ONVIF 2.2 compatible.


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**MAIN FEATURES**

|                                  |  |
|----------------------------------|--|
| Video inputs:                    | 64 (4K, 5MP, 3MP, FULL-HD, HD, D1)   |
| Main video output:               | 1 (HDMI 1920x1080@60Hz), 1 (HDMI) - 3840x2160@30Hz, 1 (VGA, 1920x1080@60 Hz) |
| Audio Inputs/Outputs:            | 1 (RCA) / 1 (RCA) (G.711A)   |
| Alarm Inputs/Outputs:            | 4/4  |
| Video compression:               | H.264, H.265, MJPEG/16÷8000 kbps   |
| Playback / recording frame rate: | 1920fps@4K real time   |
| HDD supplied size:               | 4x2TB (8TB max)  |
| Additional Hard Disks (SATA):    | 4 (4x8TB max, RAID0, RAID1, RAID5, RAID6, RAID10) + eSATA                    |

**SOFTWARE/FIRMWARE SPECIFICATIONS**

|   |   |
|---|---|
| Operating system:                                       | Linux embedded  |
| Recording methods:                                      | Automatic, manual, programmed, event  |
| Recording type:   | Dual streaming  |
| Maximum number of channels being played simultaneously: | 4@4K, 9@3MP, 16@Full-HD   |
| Protocols supported:                                    | Comelit DNS, DDNS, DHCP, HTTP, NTP, ONVIF 2.2, P2P, PPPoE, RTSP, SMTP (SSL), TCP/IP, UPnP   |
| IP assignment:  | Manual, DHCP  |
| Max bandwidth (Mbps):                                   | 512   |
| Remote control via browser:                             | Internet Explorer, Firefox, Chrome, Safari  |
| Remote control by software:                             | Comelit View 100 (Windows)  |
| Remote control by mobile:                               | App Comelit View 100 (Android, iOS)   |
| Users connected at the same time:                       | 8 (256 Mbps max)  |
| Main functions:   | Digital zoom 12x, Watermarking, RAID (0, 1, 5, 6, 10), Video analysis management (8 local + 56 with dedicated cameras), Dual password authentication, Instant playback function, HDD grouping |
| Video analytics:  | Counter, through line, entrance area, object left / lost  |

**FUNCTIONS**

|  |       |
|--|-------|
| Motion detection (zones):                            | 396   |
| Anti-tampering:                                      | Yes   |
| Loss of video signal:                                | Yes   |
| Maximum number of event log:                         | 99999 |
| Gestion PTZ par RS485 (protocoles Pelco-P, Pelco-D): | Yes   |
| E-mail notification:                                 | Yes   |

**HARDWARE SPECIFICATIONS**

|                            |   |
|----------------------------|---|
| Type of connections/ports: | 2xUSB 2.0, 1xUSB 3.0, 1xRS485, 1x eSATA |
|----------------------------|---|



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GENERAL DATA

|                                |                  |
|--------------------------------|------------------|
| Max absorption (W):            | 45               |
| Supply voltage (VAC):          | 100÷240, 50÷60Hz |
| Height (mm):                   | 90               |
| Width (mm):                    | 440              |
| Depth (mm):                    | 430              |
| Weight (g):                    | 7600             |
| Type of finish:                | Metallic         |
| Colour:                        | Black            |
| Operating temperature (°C):    | -10 ÷ 55         |
| RH max operating humidity (%): | 90               |
| Supplied accessories:          | Mouse            |