

| Recording Solutions                   | NVRmini2        | NVRsolo (Plus)                 | Mainconsole                | Titan NVR      | Crystal™                     |
|---------------------------------------|-----------------|--------------------------------|----------------------------|----------------|------------------------------|
| <b>All-in-One License<sup>1</sup></b> |                 |                                |                            |                |                              |
| Software Upgrade                      | o               | o                              | o                          | o              | o                            |
| Remote tech support utility           | o               | o                              | o                          | o              | o                            |
| Unlimited Remote Client Connections   | o               | o                              | o                          | o              | o                            |
| <b>Hardware Specification</b>         |                 |                                |                            |                |                              |
| Server/ OS                            | Linux Embedded  | Linux Embedded                 | Windows                    | Linux Embedded | Linux Embedded               |
| Style                                 | Tower           | Tower/Rack                     | Desktop/ Rack              | Tower/ Rack    | Tower/ Rack                  |
| Camera Channels                       | Up to 16        | Up to 16/ 32 <sup>2</sup>      | Up to 96 <sup>3</sup>      | Up to 64       | Up to 256 <sup>4</sup>       |
| Megapixel Recording Performance       | Up to 80Mbps    | Up to 80/ 200Mbps <sup>2</sup> | Up to 430Mbps              | Up to 250Mbps  | Up to 1024Mbps <sup>45</sup> |
| Number of Drives                      | 2 & 4           | 2 & 8                          | Depends on HW <sup>3</sup> | 4 & 8          | 4 & 8 & 16                   |
| Max Internal Total Storage            | 16/ 32TB        | 20/ 80TB <sup>2</sup>          | Depends on HW <sup>3</sup> | 40/ 80TB       | 40/ 80/ 160TB                |
| External Storage                      | DAS             | DAS                            | DAS/ iSCSi                 | DAS            | DAS/ iSCS/ NFS               |
| Live View Connections per Server      | 64              | 64                             | 196                        | 128            | 960 <sup>4</sup>             |
| <b>Server Premium Features</b>        |                 |                                |                            |                |                              |
| Recording Failover                    |                 |                                | o                          |                | o                            |
| Bookmark                              |                 |                                |                            |                | Available in Q3              |
| Local Display                         |                 | o                              | o                          |                |                              |
| Live View Monitor Spot-Out            |                 | o                              | o                          | o              | o                            |
| Camera Edge Record                    |                 |                                | o                          |                | o                            |
| Camera Edge Event                     | Available in Q3 | Available in Q3                | o                          |                | Available in Q3              |
| Camera Multi-stream Setting           | o               | o                              | o                          |                | o                            |
| Camera Multi-stream Dual Record       |                 |                                | o                          |                |                              |
| Compound Event                        |                 |                                | o                          |                |                              |
| Vivotek Smart Stream Support          | o               | o                              | o                          | o              | o                            |
| Boost Recording                       |                 |                                | o                          |                | o                            |
| Individual Retention Condition        |                 |                                | o                          |                | o                            |
| Volume Group for Load Balancing       |                 |                                | o                          |                | o                            |
| Embedded Motion Detection             |                 | o                              | o                          |                |                              |
| Advanced IVS                          |                 |                                | o                          |                | o                            |

|  |   |   |                   |                   |                   |
|--|---|---|-------------------|-------------------|-------------------|
| Active Directory                             |   |   | o                 |                   | o                 |
| Privacy Mask <sup>6</sup>                    | o                                       | o                                       | o                 | o                 | o                 |
| Report Service                               |   |   | o                 |                   |                   |
| <b>Client Premium Features</b>               |   |   |                   |                   |                   |
| Central Monitoring                           | o <sup>7</sup>                          | o <sup>7</sup>                          | o <sup>7</sup>    | o                 | o                 |
| Central Configuration                        |   |   |                   |                   | o                 |
| Central Alarm Management                     | o <sup>7</sup>                          | o <sup>7</sup>                          | o <sup>7</sup>    | o <sup>7</sup>    | o <sup>7</sup>    |
| Matrix Video Wall                            | o <sup>7</sup>                          | o <sup>7</sup>                          | o <sup>7</sup>    | o                 | o                 |
| E-map  | o                                       | o                                       | o                 | o                 | o                 |
| Camera I/O Control                           | o                                       | o                                       | o                 | o                 | o                 |
| Event/ Alarm Control                         | o                                       | o                                       | o                 | o                 | o                 |
| NUUO Generic Dewarp                          |   |   | o                 |                   | o                 |
| NUUO ImmerVision/ Vivotek Dewarp             | o                                       | o <sup>8</sup>                          | o                 | o                 | o                 |
| Image Fusion                                 |   |   |                   | o                 | o                 |
| Server P2P Service (ezNUUO)                  |   | o                                       |                   |                   |                   |
| Auto Profile by Grid                         | o                                       | o                                       | o                 | o                 | o                 |
| Intuitive Layout Wizard                      |   |   |                   | o                 | o                 |
| View Tour                                    | o <sup>7</sup>                          | o <sup>7</sup>                          | o <sup>7</sup>    | o                 | o                 |
| Remote Configuration                         | o                                       | o                                       |                   | o                 | o                 |
| Smart Search                                 | o <sup>8</sup>                          | o <sup>8</sup>                          | o                 | o                 | o                 |
| Supported Browsers                           | Windows: IE<br>MAC: Safari <sup>9</sup> | Windows: IE<br>MAC: Safari <sup>9</sup> | IE                | IE                | IE                |
| MAC Client                                   |   |   |                   | o                 | o                 |
| <b>Third Party Integration</b>               |   |   |                   |                   |                   |
| Multi-Brands IP Camera Support <sup>10</sup> | Over 4,100 models                       | Over 4,100 models                       | Over 4,100 models | Over 4,100 models | Over 4,100 models |
| ONVIF Profile S Compatible                   | o                                       | o                                       | o                 | o                 | o                 |
| Software Development Kit (SDK)               | o                                       | o                                       | o                 | o                 | o                 |
| Point of Sale Support                        | o                                       | o                                       | o                 |                   | o                 |
| License Plate Recognition Support            |   |   | o                 |                   | o                 |
| Access Control Support                       |   |   | o                 |                   | o                 |
| Facial Recognition Support                   |   |   | o                 |                   | o                 |

\*1. Recording Failover, Advanced IVS, POS, LPR and Access Control connections are not included

\*2. Supported by NVRsolo Plus

\*3. Software base. For server recommendation, please refer to <http://nucalculator.nuuo.com>

\*4. Available in v3.10.0

\*5 Supported by 3U model (2 sets of RAID 6) in 10 Gigabit Network Environment

\*6. Mainconsole supports camera edge and server privacy mask ; NVRmini2/NVRsolo/Titan NVR/Crystal support camera edge privacy mask only

\*7. Supported by CMS

\*8. Available on remote client AP and web client only

\*9. POS configuration, auto profile and two-way audio are only available on IE

\*10. For camera supported list, please refer to [http://www.nuuo.com/SupportCamera.php?node\\_id=4#](http://www.nuuo.com/SupportCamera.php?node_id=4#)