

# IR-300A



IDIS Security Workstation IR-300A enables to establish satisfying and quick surveillance system with high performance, reliability and manageability. OS(Operating system) stably installed in SSD and IDIS Solution Suite VMS support wonderful operation up to large systems and ensure important data retention through RAID and Redundant Power. IR-300A is the perfect product to build powerful and economical surveillance system.

- Pre-installed with IDIS Solution Suite VMS
- Tested and validated with IDIS Solution Suite up to 64 Full HD H.264/265 IP cameras
- Storage configuration: 8 SATA + 3 eSATA Ports
- Supports up to 64 Full HD cameras in real-time for enterprise-level surveillance systems
- 400Mbps maximum recording bandwidth per server
- Complete compatibility with IDIS components: IP cameras, analog DVR, DirectCX TVR, DirectIP NVR, and encoders
- 2U rack mount chassis
- Supports H.264, H.265 compression, and Intelligent Codec
- Supports Onvif Profile S, Axis, Panasonic, etc.
- NDAA Compliance

## SPECIFICATIONS

| IR-300A              |                               |  |
|----------------------|-------------------------------|--|
| SYSTEM               | IDIS Solution Suite           | Compatible with Expert and Federation<br>Version 2.8.2 or Higher |
|                      | Network Connection            | 2 GbE RJ-45 Ports (1000Base-T)                                   |
|                      | Recording Data Rate           | Up to 400Mbps  |
|                      | Number of Cameras             | 64Ch Recommended   |
|                      | Hard Disk Drive Configuration | 8 SATA + 3 eSATA RAID 1, 5, 10 Supported                         |
|                      | SSD                           | 240G SSD for Operating System (M.2 type)                         |
|                      | Operating System              | Microsoft® Windows Embedded Standard 8                           |
|                      | Processor                     | Intel® I7-7700, 3.6GHz   |
|                      | Memory                        | DDR4 PC-17000, 16GB  |
|                      | Video Outputs                 | 1 HDMI, 1 DP, 1 VGA  |
|                      | USB                           | 6 (2 Front USB 2.0 + 2 Back USB 3.0 + 2 Back USB 2.0)            |
|                      | RS-232                        | 1 (DB9)  |
|                      | Optical Drive                 | -  |
| MECHANICAL           | Form Factor                   | 2U Rack Mount Chassis  |
|                      | Dimensions (W x D x H)        | 482.6mm x 88mm x 523.5mm (19" x 3.5" x 20.6")                    |
|                      | Weight                        | 27.8 lbs. (12.6kg)   |
| ELECTRICAL           | Power Input                   | AC 100-240V~, 50/60Hz, 6.0 - 3.0A (Redundant)                    |
|                      | Power Supply                  | Dual Power (Redundant SMPS)                                      |
|                      | Power Consumption             | 190W   |
| ENVIRONMENTAL        | Operating Temperature         | 0° to 40°C (32° to 104°F)  |
|                      | Operating Humidity            | 0% to 90%  |
| ACCESSORIES SUPPLIED | Power Cord                    | 2  |
| GENERAL              | Certifications                | FCC, CE, CB, UL, PSE   |

## DIMENSIONS

