

IDIS Strengthens the Integrity of Video Surveillance with Critical Failover

Multi-layered protection from IDIS strengthens fault tolerance and protects key video surveillance operations in the face of adverse conditions and events.

IDIS Critical *Failover* consists of five parts



Temporary Smart Failover

If you experience a problem with network instability, Temporary Smart Failover starts recording to an internal recording session buffer (of at least 60MB), ensuring there is no break in the data being sent to the NVR.



Smart Failover

For longer network issues, such as a complete failure of the link between the camera and the NVR, Smart Failover takes over. When the IP camera and NVR become disconnected, the camera instantly begins recording to an internal SD card. It records at the original quality until half of the SD card is filled up and then adjusts the quality to ensure a full 24 hours of footage is captured on just a 32GB card. H.265 cameras add support for SDXC cards, with a theoretical limit of 2TB. Once the network link is restored, all of the data is automatically transferred to the NVR, leaving no incident unrecorded.



Storage Redundancy

Storage Redundancy exists inside the NVR (DR-8364D) in the form of native RAID 1 or RAID 5 support. With RAID 1 support, the NVR stores two identical copies of the data, so if one disk fails, the data is retrieved from the second one. RAID 5 stores the data and additional parity data in separate locations, providing the same redundancy, but more efficiently than RAID 1.



NVR Failover

NVR Failover protects against the failure of the entire NVR, which a standby NVR. Both the primary and standby NVR continuously monitor one another to quickly switch to the functioning NVR during a failure, reducing the risk of data loss and decreasing failover response times.



Native Dual Power Supply

Finally, Native Dual Power Supplies (DR-8364D) provides a redundant power supply in case the first one fails, increasing uptime and reducing the risk of data loss.

To see IDIS Critical Failover in action go to <https://youtu.be/FvAgyOSuhTM>

IDIS has debuted a powerful suite of features to bring critical failover capabilities and peace-of-mind to users of the company's innovative technology offerings. Bringing together existing, improved, and new failover features, IDIS addresses multiple threats to crucial video surveillance operations with IDIS Critical Failover, a collection of five capabilities that strengthen the fault tolerance of your CCTV infrastructure.



Keith Drummond, Senior Director, IDIS America, notes:

“ If any part of video surveillance infrastructure fails, it's critical to first recognize the failure and then initiate appropriate alternative or redundant technologies to minimize loss of data. Full redundancy of every component in your infrastructure is prohibitively expensive and adds unnecessary complication in most cases, and manual recognition and resolution costs precious time and risks gaps in footage. IDIS Critical Failover reduces both of these issues, through a multi-layered collection of capabilities spread across the devices in your infrastructure. ”

IDIS HQ

IDIS Tower, 344 Pangyo-ro
Bundang-gu, Seongnam-si
Gyeonggi-do, 13493
Republic of Korea

T +82 (0)31 723 5400
F +82 (0)31 723 5100
E sales@idisglobal.com

IDIS America

801 Hammond Street
Suite 200
Coppell, TX 75019
U.S.A.

T +1 469 444 6538
F +1 469 464 4449
E sales_americas@idisglobal.com

IDIS Europe

1000 Great West Road
Brentford, Middlesex
TW8 9HH
United Kingdom

T +44 (0)203 657 5678
F +44 (0)203 697 9360
E uksales@idisglobal.com

IDIS Benelux

De Slof 9
5107 RH
Dongen
The Netherlands

T +31 (0)162 387 247
F +31 (0)162 311 915
E sales@bnl.idisglobal.com

IDIS Middle East

P.O. Box 341037
D-308, DSO HQ Bldg
Dubai Silicon Oasis
Dubai, U.A.E.

T +971 4 501 5434
F +971 4 501 5436
E sales_mena@idisglobal.com

www.idisglobal.com