



## 2020 TuchControl™ System Components IntelliStore NVR Module

The 2020 IntelliStore Module is a self-contained rack-mount module designed for live-rate video recording from a wide range of IP CCTV camera types.

### Benefits

All the contemporaneous alarm/alert information coming into the system is recorded alongside video, ensuring the whole event-history of the site is faithfully logged in real time

The operator can fully "revisit" historical events, seeing not only the video at the time but the alerts as they came in or were detected by analytics

Historical record shows where individuals and vehicles were on a second-to-second basis

No PCs, software installation or setup is required - each module is ready to plug-in and run, right out of the box

### Compact Modular Network Video Recording from 1 to 50,000 channels

The 2020 IntelliStore NVR Module is one of a family making up the 2020 TuchControl system, but can also be used independently as a component of other systems.

Designed for easy integration and simple inter-working with other intelligent equipment, the 2020 IntelliStore is a network video recorder in module form: offering recording of IP and analogue video sources on to hard drive storage, in a flexible scalable form suitable for deployment in distributed networked systems.

### Self-Contained & Maintenance-Free

Designed as a pure 'network appliance', the 2020 IntelliStore is a 100% complete, self-contained and self-managing recorder. There is no software to install and little to configure: the embedded operating system and code within the module boot within 30 seconds of power application and the module is designed for continuous operation on a 24-7-365 without need for maintenance or IT intervention in remote or local subsystems. A hardware 'watchdog' protects against 'power brownouts' and can reset the unit automatically if required.

### Simple Deployment in Systems Large and Small

The 2020 IntelliStore is an integral part of the 2020 TuchControl system, but it has also been designed to be used in other types of systems easily. Integrators wanting to add network (IP) video recording to existing or planned systems will find the API provided extremely easy to work with – all commands to the module are carried over the HTTP protocol, and a simple browser can be used for testing and setup in the field without need of other equipment.

Uniquely, the 2020 IntelliStore also records alarm & event metadata alongside video: so that system alarms and events are recorded time stamped as an integral part of the record.

## Specification

|                          |  |
|--------------------------|--|
| Recording Capacity       | Up to 3000 Gbyte on board, unlimited expansion via iSCSI   |
| Video source options     | Most IP cameras & codecs delivering MPEG4 or H264 video over IP, and analogue PAL or NTSC cameras via a suitable IP encoder  |
| Video capture rates      | Typically 25fps (Europe) / 30fps (USA) ; dependent on camera   |
| Module configuration     | Free-standing self-contained module with fully embedded operating system and firmware code. Operates as slave peripheral to 2020 TuchControl GUI, or other central controller via 2020 Application Programming Interface (API) |
| Command API              | Command-to and responses-from the module are via HTTP-CGI  |
| Video Recording Protocol | RTSP / RTP, unicast or multicast   |
| Video Playback           | Multicast streaming (for multiple simultaneous viewers)  |
| Metadata Playback        | Multicast streaming (for multiple simultaneous viewers)  |
| External requirements    | Mains power, Ethernet  |
| Power requirements       | 100 - 240VAC 250W  |
| Size                     | 455 x 180 x 140 mm (4U rackmount module)   |
| Weight                   | 4Kg  |

## Ordering Information

|                                     |              |
|-------------------------------------|--------------|
| 2020 IntelliStore NVR Module 1000GB | ICM3-01-1000 |
| 2020 IntelliStore NVR Module 2000GB | ICM3-01-2000 |
| 2020 IntelliStore NVR Module 3000GB | ICM3-01-3000 |

## More Information

For more information about 2020 Imaging product options, visit [www.2020imaging.com](http://www.2020imaging.com) or call +44 (0)1580 201715