

IMPACT™ Digital Video Recorder

Specifications

DVR Specification

Recording Medium:	8GB SD card
Recording Channels:	2 channels
Video Resolution:	VGA
Video Compression:	h.264
Frame Rates:	20 fps
Recording Modes:	Endless loop
Audio:	Single stereo channel
Recording Time:	Over 5 days @ 7hours / day
Delayed Recording:	User selectable, default is 15 minutes
Digital Camera:	One or two

Casing

Rugged custom design

Environmental

Recording:	-30 deg C to +50 deg C
Standby:	-50 deg C to +60 deg C

Operating System

Linux

Power Input

125 Watts (150 Watt peak) PSU
6-24V input range
Intelligent shutdown controller
Survives vehicle engine cranks
Battery deep discharge prevention

Optional GPS Module

GPS Chipset	SiRF Star III
Frequency	L1, 1575.42 MHz
Channels	20 channel all-in-view tracking
Sensitivity	-159 dBm
Antenna	Active patch antenna
Accuracy Position	10 meters, 2D RMS 5 meters, 2D RMS, WAAS enabled

Safety & Mounting

Designed for mounting on any school bus
Screw-mounted bus unit
Designed to meet all current bus standards
Self-diagnostics

National Scientific Corp.

8361 E. Evans Rd. Suite 106
Scottsdale, AZ 85260
+1 480-948-8324
sales@nscus.com
www.national-scientific.com

Contact: Graham Clark
480-948-8324 Ext. 301