M-Series Rugged Data Sheet

3VR M-Series Rugged *provides video search, video analysis, and video management... all in a compact, ruggedized 3VR system*

Compact and Ruggedized Design — The 3VR M-Series Rugged offers 3VR capabilities in a video management platform made for use with ATMs and other small-scale deployments, along with light-rail and other mobile applications

- **Compact design** for small-scale (e.g. ATMs) or mobile applications

- **Anti-shock, anti-vibration, and fanless design** ensures operational reliability

- **Ability to withstand high temperatures** from 14 to 113° F

- **6 channels, hybrid support**

- **Wide power range** protects against power surges and offers ranges of either 9-30 VDC or 110-220 VAC

- **Solid-state drive (SSD) and ruggedized laptop options** are available. Consult your 3VR sales representative for more info

Enterprise Reliability and Management — All systems have an embedded OS for maximum security. Enterprise health monitoring and management are also available*

- **Enterprise Health Monitoring** enables federated monitoring of systems, hard drives, cameras, users, and networks, which reduces downtime and maintenance costs*

- **Enterprise Manager** enables central system administration, configuration templates, and single sign-on*

- **XP Embedded OS** (XPE), offers the stability of Linux with unique advantages in user-experience

Enterprise capabilities are only available with the Enterprise Manager

Investigations and Loss Prevention — 3VR offers a powerful suite of features to combat loss including facial surveillance and patented search technologies

- **Instantly query** for and compile surveillance events from cameras and data systems such as ATMs, transaction, and POS systems across an enterprise*

- Conduct **cross-analytic searches** for related events

- **Review evidence more efficiently** using the Event Storyboard UI to scan summaries of intelligently selected thumbnail images

- **Organize, retrieve, and permanently archive data** across the enterprise with Central Case Manager

- **Optimize storage use** and store high-quality images related to key events for multiple years with SmartStorage.

- **Create and share watchlists** across the enterprise*

- **Export evidence** to USB/external storage device or email

- **Use CrimeDex® to build enforceable cases** and share case data with industry colleagues and law enforcement

Cameras and Storage — 3VR provides converged management of cameras and optimized storage and bandwidth use

- **Converged video management** supports analog (without encoders), IP, megapixel, PTZ, and USB cameras

- **Increase Storage Duration** by 500% with SmartStorage

Ordering Info

Product Description	Product Code
M-Series Rugged, includes mounting flanges and AC power supply	SR-0625m

Features

Maximum Images per Second (NTSC/PAL)	60 fps / 50 fps
Storage Capacity	160GB
Windows XP Embedded	Yes
Analog Codec	H.264 (MPEG4 Part 10)
Camera-Selectable Frame Rate	Yes; Up to 30 fps
Converged IP/Analog	Yes
Motion Detection	Yes
Directional Motion Analysis	Yes
Regional Motion Analysis	Yes
Instant alert notification:	
Remote	Yes
Email	Yes
Alerts Indexing	Yes
Create and Share Alerts	Yes
Thumbnail-Based Search Results	Yes
Alert Quality & Sensitivity Setting	Yes
Dome Control	Yes, various
Summary Dashboard of Events	Yes, up to last hour
Multi-Screen Playback	Yes
Transaction/POS System via IP	Yes
Transaction/POS System via Serial	Yes
One-Click Thumbnail Export	Yes (USB Storage or Email)
One-Click Mass Export	Yes (USB Storage or Email)
Case Management	Yes
Saved Searches	Yes
Activity Log	Yes
Support for Remote Configuration & Management	Yes
Health Monitoring	Yes
Alarm Inputs	Yes
Bandwidth Throttle	Yes
Video Analytics (e.g. CrimeGuard, OCR/LPR)	Supports maximum of 2 channels of CrimeGuard or other video analytics
Local OpCenter	No, Not supported
Remote OpCenter	Included, 1 seat license
Local & Remote SystemManager	Included
Local SpotMonitor	Included
3VR SmartCams (megapixel cameras)	Supported
Third-party megapixel cameras	Not supported

CrimeGuard

Maximum of 2 channels of CrimeGuard supported on M-Series Rugged

Facial Surveillance	Yes
Face Capture	Yes
Face Similarity Searching	Yes
Real-time Face Alerts	Yes
Share Faces with Others by Exporting	Yes
Create/Share Watchlists of Faces	Yes

Specifications

Drive Type	2.5" IDE
Exporting	USB Storage or Email
Video Standard	NTSC/PAL/IP
Video Inputs	6
Type of Cameras Supported	Analog NTSC or PAL video cameras; American Dynamics, Arecont Vision, Axis, Extreme CCTV, IQinvision, Panasonic, Pelco, and Sony PTZ and IP cameras. For a complete list of camera types, visit: www.3VR.com/Products/Support/Cameras
Main Monitor Output	VGA or DVI (1024x768)
Network	2x gigabit
USB (front/ back)	2
Serial Port (RS-232)	2x DB 9
Support Expansion through USB (4xDB9)	Yes
SCSI Interface	No
Visual Indicators	Power, disk activity
Physical	
Mounting	Integrated mounting flanges
Dimension (HxWxD)	2.5" x 9.1" x 5.4" (232 x 65 x 138.4mm)
Unit Weight	5.1lbs (2.3kg)
Shipping Weight	7lbs (3.2kg)
Environmental	
Operating Temperature	14 to 113° F (-10 to 45° C)
Heat Dissipation	70 BTU/Hour
Humidity	95% @ 104° F (40° C) non-condensing, opr.
Storage Conditions	-10° to 60°C (14° to 140°F)
Maximum Operating Altitude	3,048 m (10,000 ft)
Shock Resistance	40G, IEC 60068-2-27, half sine, 11ms, Oper.
Vibration Resistance	1Grms, IEC 60068-2-64, Random, 5-500Hz, 1 Oct/min, 1hr/axis
Electrical	
Power	110 ~ 220 VAC or 9 ~ 30 VDC, Typical 9 VDC @ 5.4 A, 19 VDC @ 2.9 A Consumption: 15W (avg.), 49W (max.)