

Digital Video Manager Flare Watch Solution

Product Information Note

Honeywell's Digital Video Manager (DVM) Flare Watch lets you meet regulatory requirements with an effective, efficient solution to flare monitoring, recording and reporting.

Complying with stringent environmental protection regulation is an ongoing challenge for the process industries. As well as national EPA requirements, state and local regulatory entities can impose their own regulations. Flaring is a key operation and is often the focus of these rules. It is also an operation that can trigger public concern, inquiries and complaints about facility safety and environmental stewardship.

DVM Flare Watch solution lets facilities comply with regulatory requirements in a more cost effective manner than the manual alternatives. Part of Honeywell's Digital Video Manager Platform, it provides efficient recording and exporting of flare images in a regulatory acceptable manner. It also enables effective real time monitoring of flare from multiple control rooms and other locations.

DVM Flare Watch solution brings benefits beyond enabling regulatory compliance. Operators rely on visual feedback to control the flare and keep it within desired limits. Using the latest dual sensor technology cameras, DVM Flare Watch users can view the normal flare image and a thermal image side by side to see the main and pilot flare in detail and in different weather conditions. The result is more effective monitoring and efficient control of the flaring operation.

Able to identify and correct improper flare operation quicker, operators can reduce the likelihood of EPA dictated corrective actions or public complaints.



Honeywell DVM's Flare Watch Solution allows effective monitoring and recording of flare, enabling operators to efficiently control and record in line with EPA and local regulatory guidelines.

FEATURES & BENEFITS

Meeting Regulations

- Enabling Compliance with EPA refinery sector rules.
- Recording to facilitate compliance with local regulations.
- Easily export recorded images for regulatory submissions.

Effective Monitoring, Efficient Control

- Supports the latest camera technology for better flare visibility.
- View and control flare from the Experion process control station.
- High resolution flare recording option for internal study and analysis to improve flaring operations.

Improved Collaboration

- Multi-stakeholder access to live flare camera views and recordings.
- Multiple client options - Experion station DVM Internet Explorer and mobile clients.
- Enable faster response and collaboration between teams to respond to any disruptions.

Open and Scalable

- Scale from a single camera to as many as required.
- Expand the system beyond flare monitoring to add process cameras.
- Easy migration of your legacy CCTV system with minimal hardware changes.

Rapid Deployment

- Compatible with most existing cameras.
- A network based system requiring less cabling.
- Honeywell OneWireless for faster & flexible deployment of cameras in the field.

More than a Flare Monitoring Solution

Part of DVM IP-based video management platform, DVM works as a standalone solution with its own dedicated clients for viewing. If the site is using Honeywell's Experion Process Control system, the DVM system can also integrate seamlessly with the Experion system for greater benefits.

With flare controls integrated in Experion, DVM allows operators to watch and control the flare from Experion Stations. Smart graphics can even be built in to enable operators to view and control the flare from single HMI display.



Operators can also initiate High quality flare recordings, these recordings can be used by plant staff to study, analyze and improve flare operations.

Get Online Faster

The DVM platform and Honeywell's OneWireless technology mean you can deploy cameras faster and reduce cabling needs.

Existing flare cameras and process cameras are easily incorporated into DVM. With minimal additional hardware, you can benefit from the latest video management technology and Experion integration while protecting your existing investments.

Honeywell's Lifecycle support program ensures your system remains updated, secure and ready to meet evolving safety & compliance requirements.



Easy access to the live and recorded flare video to multi-stakeholders enabling increased collaboration and faster resolutions.

Digital Video Manager

Digital Video Manager (DVM) is Honeywell's unique digital video platform that seamlessly integrates with Experion® PKS and Experion Industrial Security platforms.

Delivering enterprise-wide access to process and security video, it is field-proven in a wide range of industries, including marine, nuclear, chemicals, metals, minerals and mining, oil and gas, power generation, pulp and paper, and refining. DVM is the most trusted industrial digital video solution for increasing safety, security and process performance.

Support Services

DVM comes with worldwide, premium support services through our Benefits Guardianship Program (BGP). BGP helps our customers improve and extend the use of their applications and the benefits they deliver, ultimately maintaining and safeguarding their advanced applications.

Honeywell's complete portfolio of service offerings extend the life of your plant and provide a cost-effective path forward to the latest application technology. Our services include:

- Software installation services
- On-site engineering services
- Migration services
- Scope expansion services
- Assessment services
- Performance baseline and tuning services
- Customized training.

About Honeywell

With four decades experience and a global operation, Honeywell offers the process industry's most extensive engineering and consultancy experience. Our worldwide network of support backs a best-in-class products and services portfolio.

Speak to us today about how we can support you to develop a safer, more reliable, more efficient operation.

For More Information

To learn more about how Honeywell's Digital Video Manager (DVM) and Flare Watch visit www.honeywellprocess.com or contact your Honeywell Account Manager.

Honeywell Process Solutions

1250 West Sam Houston Parkway South
Houston, TX 77042

Honeywell House, Arlington Business Park
Bracknell, Berkshire, England RG12 1EB UK

Shanghai City Centre, 100 Zunyi Road
Shanghai, China 200051

www.honeywellprocess.com

Experion® is a registered trademark and OneWireless™ is a trademark of Honeywell International Inc. All other trademarks are the property of their respective owners.

PIN-16-09-ENG
June 2016
© 2016 Honeywell
International Inc.

Honeywell