

**FAIRFIELD TOWNSHIP  
RESOLUTION NO. 17-76**

**RESOLUTION TO AUTHORIZE PURCHASE OF A VYPER PUSH CAMERA SYSTEM  
FROM JACK DOHENY COMPANIES AT A TOTAL COST OF \$6,650.00  
FOR THE SERVICE DEPARTMENT.**

**WHEREAS:** The Service Department Supervisor has recommended the purchase of camera equipment for the purpose of operations; and

**WHEREAS:** The camera system has advanced and affordable features which will allow for professional work which will benefit both employees and the welfare of the community;

**NOW , THEREFORE, BE IT RESOLVED,** by the Trustees of Fairfield Township, Butler County, Ohio, as follows;

**SECTION 1:** The Board of Trustees, hereby, approves the purchase of a Vyper Push Camera System from Jack Doheny Companies, Pipeline Inspection Division, 377 Cavett Drive, Cincinnati, OH 45215, at a total cost of \$6,650.00 for the Service Department, attached hereto as Exhibit A. Purchase made from Fund #2231, the Permissive Motor Vehicle License Tax Fund.

**SECTION 2:** The Trustees of Fairfield Township do hereby dispense with the requirement that this resolution be read on two separate days, pursuant to RC 504.10, and do authorize the adoption of this resolution upon its first reading.

**SECTION 3:** This resolution is the subject of the general authority granted to the Board of Trustees through the Ohio Revised Code and not the specific authority granted to the Board of Trustees through the status as a Limited Home Rule Township.

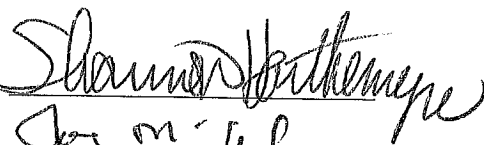
**SECTION 4:** That it is hereby found and determined that all formal actions of this Board concerning and relating to the passage of this Resolution were taken in meetings open to the public, in compliance with all legal requirements including §121.22 of the Ohio Revised Code.

**SECTION 5:** This resolution shall take effect at the earliest period allowed by law.

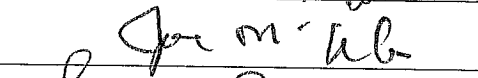
**Effective: July 26, 2017**

**Board of Trustees**

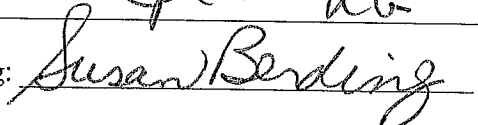
Shannon Hartkemeyer:



Joe McAbee:



Susan Berding:



**Vote of Trustees**

yes

yes

yes


**AUTHENTICATION**

This is to certify that this is a resolution which was duly passed, and filed with the Fairfield Township Fiscal Officer, this 26<sup>th</sup> day of July, 2017.

**ATTEST:**

  
\_\_\_\_\_  
Nancy Bock, Fairfield Township Fiscal Officer

**APPROVED AS TO FORM:**

  
\_\_\_\_\_  
Lawrence E. Barbieri, Township Law Director



Dealer: Jack Doheny Companies  
 Customer: Fairfield Township, OH  
 Date: 6/9/2017

Discount 3%

Qty	Option Number	Description	List Price	List Price of Selected Options
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**Base Model:**

**Debris Body Options:**

1	020PSTD	Double Acting Hoist Cylinder	STD	\$ -
1	026PSTD	Ex-Ten Steel Cylindrical Debris Tank	STD	\$ -
1	045PSTD	Suction Tube Storage - 4 Pipe	STD	\$ -

**Portable Mini-Mainline Camera System:**

1	Vyper	Vyper Push Camera System	\$ 6,695	\$ 6,695
1	Vyper	Vyper 6"-8" Roller Skid Assembly	\$ 308	\$ 308

**Locating Equipment:**

1	C-SCOPE	C-SCOPE Locator	\$ 1,699	\$ 1,699
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	\$ 8,702.00
Sale Price	\$ 261.06
Less STS 3% Discount	
<b>Total Sale Price</b>	<b>\$ 8,440.94</b>

**Customer Acceptance:**

Customer Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**Pipeline Inspection Division**  
 camera@dohenycompanies.com  
 Toll Free: 800.336.4369  
 Main Office: 248.349.0904  
 Fax: 248.347.2576

## Vyper Push Camera System

Fresh from our Inspection Division, The Vyper is our newest product specifically designed for business owners who don't have the starting capital but want to get into the inspection business! Very simple and easy to operate, this push camera features a 10.4 in. Monitor, a Self-Leveling Camera head that can inspect 2 to 12 in. pipe diameters, and an integrated Text-Writer. With such advanced and affordable features this system is a perfect match for sewer professionals looking for a high quality and reliable inspection device for the toughest jobs ahead of the curve.

The Vyper Push camera comes equipped with an Auxiliary External Battery Pack providing a 2 hr. operating range / time using a 15V Power Cord. The external battery can fit comfortably in the accessories bag attached to the reel frame; you won't even know you're carrying it!

### Specifications

**Command Module:** 24 - 48 Turn-Around Time

**Display:** 10.4 in. LCD Monitor Display Screen

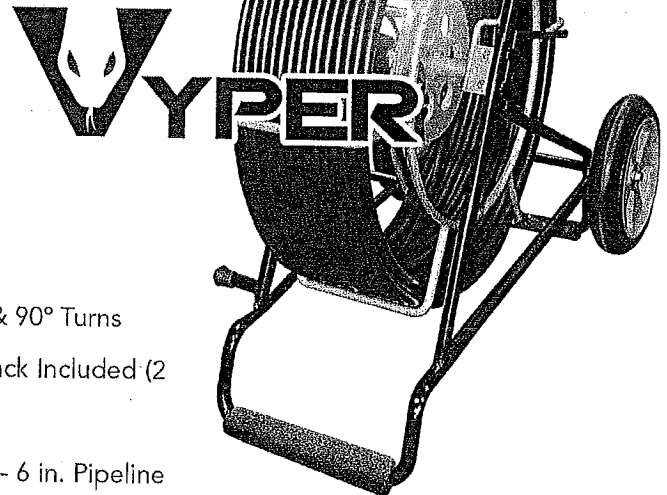
**Camera:** 1.3 in. Diameter | Self-Leveling | LED Light

**Recorder:** Digital Video Recording to USB | Advanced Text Writer

**Push Rod:** Heavy Duty | 200 ft. Max. | Ideal for 2 - 12 in. Pipe Traps & 90° Turns

**Battery:** Powered w/ 15V Power Cord | Auxiliary External Battery Pack Included (2 hr. Operation for Portability)

**Additional:** Camera Removal Tool Kit | 2 & 3 in. Skid Sleeves for 2.5 - 6 in. Pipeline Centering | Owner's Manual | 8GB USB w/ How To Videos



### RENTAL RATES:

DAY \$200.00

WEEK \$800.00

MONTH \$2,400.00

### SALE PRICE:

TOTAL \$6,650.00

**FOR MORE INFORMATION PLEASE FILL OUT & RETURN** Date: \_\_\_ / \_\_\_ / \_\_\_

Company / Municipality: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: ( ) - \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

Email: \_\_\_\_\_

## Vyper Push Camera System

### Features

#### External Battery Pack

Auxiliary External Battery Pack providing a 2 hr. operating range / time using a 15V Power Cord.

#### Quick Connect Centers

The Video Connector, USB Input, and Power Entry Ports are on the front of the case for easy access, helping you save time and money with quick setup and deployment times!

#### One-Touch USB Recording

The integrated "On-Demand" is a one-touch hands free remote control and records up to 20 ft. away. This system

#### Off-Road Wheels

10 in. diameter wheels allow easy pushing and pulling of the transport frame into any rugged terrains for job sites needing no limitations.

#### Flexi-Guard Spring

Flexi-Guard Spring technology allows 3 90° bends and turns while protecting the camera to allow for maximum inspection flexibility.

#### 10.4 in. LCD Monitor

Inspect even the smallest details with a high resolution picture on a larger screen. Features include optimum viewing capabilities for night and day.

#### New Frame Design

Light-weight, heavy-duty and durable frame. This lateral design easily fits into tight spaces and is extremely easy to transport to and from job site. This design is a must for operators needing efficient portability.

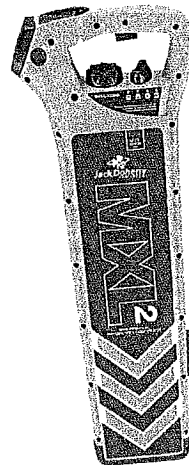
#### Premium Push Rod

Optimized for larger pipelines, longer runs, longer pushing. This push rod will last longer for more inspections, saving money in the long-term for less repairs.

#### Self-Leveling Camera

Camera Size is 1.3 in. diameter with a self-leveling camera head. Inspect from 2 in. to 12 in. pipes. Get into more inspections with just one camera, fewer repairs, and fewer investments!

### Add JDC's MXL2 Locator to Your Push Camera System for Advanced Locating!



#### The MXL2 Locator

- Dual Frequency 512Hz & 33kHz
- Automatic Depth Readout
- Includes Soft-Sided Carry Case

**PRICE: \$1,650.00**

## MXL2 Locator

The new MXL2 Locator and MXT2 Transmitter are exclusively available through JDC and have been designed to set a new benchmark in pipe and cable locating. Delivering all the advantages needed to get the job done right, these new products are loaded with new features which enable operators to find blockages in sewer pipe as well as buried utility cables.

The MXL2 Pipe and Cable Locator is driven by powerful Digital Signal Processor Technology. Advanced software programming enables the MXL2 to attain performance levels previously associated with high end pipe and cable surveying instruments. The MXL2 delivers improved signal detection sensitivity and better noise rejection so the Locator is now capable of detecting and tracing the smallest of signals, even in areas of high service density and electrical noise.

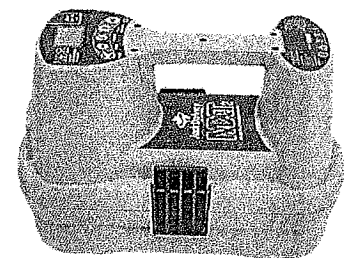
### Specifications

- Power Mode
- Radio Mode
- Transmitter Mode
- Simultaneous 33+131kHz Signal Detection for Utility Avoidance
- 8kHz Signal Detection for Tracing Over Long Distances
- Ultra Low 512/640Hz Signal Detection for Specialist Tracing
- All Scan Mode- Accurate Depth Indication
- Signal Current Measurement- Automatic Noise Rejection
- Dynamic Swing Sensor
- Automatic Daily Self Test
- Optional Data Logging of all Locator Activity
- Optional Bluetooth for High Accuracy GPS
- High Resolution Liquid Crystal Display
- 3 Year Warranty



MXL2 Locator (Bag Included)

<b>TOTAL</b>	<b>\$1,650.00</b>
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MXT2 Transmitter

<b>TOTAL</b>	<b>\$1,250.00</b>
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## **MXL2 Locator**

The 512 Hz frequency allows for pin-point locating of inspection cameras and sonde transmitters alike, ideal for marking blockages, breaks, and defects in sewer lines. With multi-frequency capability the MXL2 also benefits from the addition of the new simultaneous 33+131kHz detection signal which enables a broader range of utilities including smaller buried pipes and cables such as telecom's, sheathed fiber optic cable and street-lighting spurs to be detected.

Human error can be a contributing factor associated with cable strikes. To address this issue, intelligent features such as an Automatic Daily Self Test function and a dynamic Swing Sensor help ensure that the best working practices are adhered to and are being applied on-site. The Data Logging option can also provide an invaluable insight into working practices and help to identify key training requirements.

Using the MXT2 Transmitter with the MXL2 Locator maximizes full performance capabilities. The MXT's class leading One Watt 4-level adjustable Power Output makes it possible to apply a detectable signal onto deeper and harder to detect pipes and cables for complex locate tasks.

A full range of accessories are available to provide the most effective solutions to all of your pipe and cable locating requirements. The NEW MXL2 and MXT2 are higher performance products designed to detect, trace and identify specific buried pipes and cables quickly, reliably and accurately.

