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Price quote for:

Crawler Inspection Camera System

Vendor Name: **Titan Machinery**
 Contact Person: **Kevin Prodoehl**
 Street Address: **6340 Co. Road 101E**
 P.O. Box:
 City, State, Zip: **Shakopee, MN 55379**
 Phone #: **952-445-5400**
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 Email Address: govsales@titanmachinery.com

Spec #	Information Requested	Answer
1.0	Make & Model	IBAK Main Line Portable System
	<u>Crawler:</u>	
	Number of drive wheels/tracks	4 Wheels
	Number of drive motor(s)	2
	Drive mechanism (chain, belt, gear, etc.)	Gear
	Does drive mechanism have a clutch	No
	Internal pressure rating	IP68, 14.0 psi
	Pressurization method	Dry Air
	Does crawler maintain pressure if camera is removed	No
	Over/under pressure indicator light	Audible Warning Sensor
	Can repressurization be accomplished in the field	Yes
	Quantity, type & size of tracks/wheels included with base package	1 set of (4) each for 4", 6" and 8"
	Overlapping wheel design to prevent high centering	No
	Wheel/Track change tool requirement	Allen Wrench
	Wheel/Track change time requirement	2 Min
	Minimum pipe diameter	4"
	Dimension-crawler only (LxHxW)	13.5" X 3.1" X 2.7"

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	Overall length with camera attached	17.5"
	Weight of crawler	21 Lbs
	Overall weight crawler with camera attached	22 Lbs
	Material the crawler constructed from	Brass / Stainless Steel
	Cable connector type to crawler	High Strength Mechanical Locking Swivel Connector
	Tools required to connect/disconnect crawler from cable	None
	Number of controls required to operate crawler	1 (All functions from one controller)
	Direction crawler can operate (example: forward/neutral/reverse)	Full tank-style movement
	Is crawler steerable	Yes
	Does crawler have rear vision camera capability	Optional
	Inclinometer standard	Optional
	Power requirement (watts/amps/voltage)	100 V AC to controller
	Is a Sonde device available	Std. in camera head
	<u>Camera:</u>	
	Pan & tilt	Yes
	Pan and tilt control type	Joy Stick
	Home position control type	Single push button on joy stick
	Pixels & lines of resolution	380,000 pixels, 570 TVL horizontal resolution
	Zoom (magnification optical & digital)	3X Digital
	Lux rating	0.5
	Construction material	Aluminum and stainless steel
	Lens type	Sahpire
	Lens field of view (VxHxD)	150
	Black & white or color	Color
	Lighting type	High Intensity LED
	Type of lighting control	Touch Screen
	Field replaceable lights	Yes
	Focus (auto & manual)	Auto & Manual

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Spec #	Information Requested	Answer
	Connection type	High strength locking

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	Dimensions (LxHxW)	4" X 2.4" diameter
	Camera weight	1.25 Lbs
	Pressurization method	Dry air
	Internal pressure rating	IP 68, 14.0 PSI
	Over/under pressure indicator light	Audible Warning
	Does camera maintain pressure when removed from crawler	Yes
	Will camera connect to cable w/o crawler and be fully functional	Yes w/adaptor
	Maximum viewing angle for pan	-240
	Maximum viewing angle for tilt	360 continuous
	Camera controller have "home" position function type	Yes
	Does camera have the ability to view 360 degrees	Yes
	Field replaceable windshield on camera	Yes
	<u>Cable:</u>	
	Cable length	656'
	Cable diameter	0.375
	Break strength	2,000 lb
	Single or multi-conductor	Multi
	Repairable	Yes
	<u>Cable Reel:</u>	
	Motorized (yes/no)	Yes
	Drive type	Electric Motor
	Automatic pay-out, or pulled by crawler	Auto Assist
	Automatically payed-in	Auto Assist
	Cable reel level wind system	Automatic
	Drum emergency stop switch	Yes
	Resettable counter	Yes
	Counter-mechanical or electronic	electronic
	Forward/reverse engagement control type (manual or electronic)	Electronic

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Spec #	Information Requested	Answer
	Speed control type	Variable
	Type of torque control	NA
	Overheat sensor	Monitored on Controller
	Cable reel capacity	656'
	Portable	Yes with optional cart
	Dimensions (LxHxW)	14" X 24" X 17"
	Power requirements	110 V AC powered from control unit
	<u>Central Control Unit:</u>	
	Power requirements	110 V AC
	Circuit protection type	Fused
	Video in/out	HDMI and 2 USB
	Type of text generator	Integrated
	Keyboard	Integrated QWERTY Key Board
	Desktop camera control	Joy Stick
	Number of video text generators on-screen	5 pages, 10 keywords, 10 colors
	Video display of footage, time and date	Yes
	Warranty	1 year
	BASE UNIT PRICE:	\$ 74,574

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VENDOR NAME	Titan Machinery
MAKE AND MODEL	IBAK T66 Mini Portable System

Spec #	Description	Qty	Price	Subtotal
1.0	Price for base unit:		\$ 74,574	\$ -
1.1	Crawler Options Use this section to offer crawler options. Number items starting with 1.11, 1.12, etc. Use as many numbers as you need.			
1.11	Connection Type 5 (Camera Height Adjustment)		\$ 2,995	\$ -
1.12	Over Turn Protection		\$ 1,150	\$ -
1.13	Weight Kit, Heavy and Light		\$ 672	\$ -
1.20	Wheel Options Use this section to offer wheel options. Number items starting with 1.21, 1.22, etc. Use as many numbers as you need.			
1.21	6" Hard Treaded (4)		\$ 589	\$ -
1.22	8" Hard Treaded (4)		\$ 805	\$ -
1.23	10" Rubber (4)		\$ 1,375	\$ -
1.24	Tungsten Carbide 6" (4)		\$ 1,250	\$ -
1.25	Tungsten Carbide 8" (4)		\$ 1,425	\$ -
1.26	Hub adapter to use T76 Wheels (4)		\$ 735	\$ -
1.30	Camera Options Use this section to offer camera options. Number items starting with 1.31, 1.32, etc. Use as many numbers as you need.			
1.31	Retrus Back Eye Camera		\$ 4,949	\$ -
1.32	Soft Cable Adapted		\$ 1,725	\$ -
1.33	Manhole Camera Adapter		\$ 5,568	\$ -
1.40	Lighting Options Use this section to offer lighting options. Number items starting with 1.41, 1.42, etc. Use as many numbers as you need.			
1.41	Small camera will light up 30"+		STD	\$ -
1.50	Control Consoles Use this section to offer control console options. Number items starting with 1.51, 1.52, etc. Use as many numbers as you need.			
1.501	17" Industrial Optical Glass Monitor		\$ 559	\$ -
1.502	19" Industrial Optical Glass Monitor		\$ 699	\$ -
1.503	WINCAN Industrial Rack Monunt Computer		\$ 2,700	\$ -
1.504	WINCAN VX Advanced Package		\$ 8,500	\$ -
1.505	WINCAN VX Advanced Package Upgrade		\$ 4,820	\$ -
1.506	WINCAN Office Package		\$ 5,500	\$ -
1.507	WINCAN XV ProTouch Package		\$ 2,500	\$ -
1.508	WinCan VX Entry		\$ 2,950	\$ -
1.509	WINCAN VX Expert Package		\$ 12,500	\$ -
1.510	WINACN VZ Package Upgrade		\$ 3,201	\$ -
1.511	WINCAN Infinity Support Package		\$ 1,748	\$ -
1.512	WINCAN Panoramo Scan Explorer		\$ 5,500	\$ -
1.513	WINCAN Scan Explorer with 3D Measurement		\$ 8,800	\$ -
1.514	WINCAN Cloud Storage up to 25G per month		\$ 49	\$ -
1.515	WINCAN Cloud Storage up to 500G per month		\$ 190	\$ -
1.516	WINCAN Cloud Storage up to 3TB per month		\$ 490	\$ -
1.517	WINCAN IBAK 3DGS Ring Laser Deformation Measurement Sonar Scanning		\$ 3,950	\$ -
1.518	WINCAN 2 Day of On Site Training		\$ 3,300	\$ -
1.519	WINACN LapTop with Docking Station		\$ 1,850	\$ -
1.520	Pinnacle Dazzle Card		\$ 105	\$ -
1.521	Aver Media Card		\$ 195	\$ -
1.522	VITEC Card		\$ 1,100	\$ -
1.523	PipeLogix Full Reporting License		\$ 8,600	\$ -
1.524	Pipe Logix Lite Reporting License		\$ 4,300	\$ -
1.525	Upgrade Lite to Full Reporting		\$ 1,980	\$ -
1.526	PipeLogix DVS Recording Module		\$ 4,500	\$ -
1.527	PipeLogix MPEG4 Video Module		\$ 1,500	\$ -
1.528	Pipe Logix H.264 Video Module		\$ 5,693	\$ -
1.529	PipeLogix Manhole License with Image Capture		\$ 4,100	\$ -
1.530	Manhole License Added to an Existing Full or Lite License		\$ 2,400	\$ -
1.531	PipeLogix GIS Module		\$ 2,450	\$ -
1.532	IBAK 360 Panoramo Capture Module added to Lite License		\$ 1,000	\$ -
1.533	IBAK 360 Panoramo Analysis Module added to Full Reporting		\$ 9,850	\$ -
1.534	3D Measurement Module		\$ 2,900	\$ -
1.535	PipeLogix MuniXS		\$ 2,995	\$ -
1.536	Pipe Logix 1yr Support Program		\$ 2,500	\$ -
1.537	On Site Software Set Up and Training		\$ 6,000	\$ -
1.538	Media Card for DVS Video Recording		\$ 2,639	\$ -
1.539	ESRI Arc GIS Engine Run Time		\$ 850	\$ -
1.540	64 Bit Rack Mount Computer		\$ 2,900	\$ -
1.541	Rapid View 32 Bit Computer for Panoramo		\$ 2,807	\$ -
1.542	Baumer Interface Card for Panoramo		\$ 2,304	\$ -
1.60	Cable and Cable Drum Options Use this section to offer cable and cable drum options. Number items starting with 1.61, 1.62, etc. Use as many numbers as you need.			

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Spec #	Description	Qty	Price	Subtotal
1.61	Portable Cable Reel Boom		\$ 1,150	\$ -
1.62	Wheeled Cart with seat cushion		\$ 4,500	\$ -
1.63	Office Controller Mount		\$ 250	\$ -
1.64	Down Hole Roller		\$ 650	\$ -
1.65	Pressure Kit		\$ 455	\$ -
1.66	Top Manhole roller		\$ 339	\$ -
1.67	Down Hole Pulley		\$ 650	\$ -
1.70	Other Crawler Options Use this section to offer crawler options. Number items starting with 1.71, 1.72, etc. Use as many numbers as you need.			
1.71	Add T76 Tractor and Orpheus Camera in Lieu of T66 and Orion		\$ 27,310	\$ -
1.80	PERFORMANCE OPTIONS Use this section to offer performance & extended warranty options. Number items starting with 1.81, 1.82, etc. Use as many numbers as you need.			
1.81	N/A			\$ -

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Spec #	Description	Qty	Price	Subtotal
1.90	EXTENDED WARRANTY OPTIONS Use this section to offer performance/warranty options, number these items starting with 1.91, 1.92, 1.93, etc. (Specify years, miles or hours extended term covers.)			
1.91			Price: \$	
1.20	VENDOR OWNED RENTAL RETURN OR DEMO EQUIPMENT PROGRAM See Solicitation Special Terms and Conditions. DEDUCT cost per Used Hour from the original Contract Price			N/A
2.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES (See Special Terms and Conditions Price List Date and Number			N/A
2.1	NEW EQUIPMENT RENTAL PROGRAM If rental programs are available on the new equipment offered, with the option to purchase, list the hourly/weekly/monthly rental rate. Indicate the percent of rental fee paid by the purchaser that will be applied to the purchase price. See Solicitation Special Terms & Conditions.			
	Hourly Rental Rate:			N/A
	Weekly Rental Rate:			N/A
	Monthly Rental Rate:			N/A
	Percent (%) of Rental Fee applied to purchase price:			N/A
2.2	Delivery Starting Point (city, state, zip code)		Shakopee, MN 55379	
2.3	Price per loaded mile		\$	4.50