



"Our camera system will run for several months on three AA batteries," says Scott Jezierski. "There are other systems that operate on batteries, but none that last as long."

Remote Camera Has Auto Shut Down

Remote cameras are great for everything from checking on livestock to checking on kids. A big problem with them is battery replacement, because a dead battery means a dead camera. This new camera system from Wireless Imaging may have the answer.

"Our camera system will run for several months on three AA batteries," says Scott Jezierski, company president. "There are other systems that operate on batteries, but none that last as long. Most can only operate for a few hours before needing to replace the batteries."

The secret to the system is automatic shut down and remote control of on and off. It was initially developed to mount in a mailbox to monitor mail arrival, so only limited use was needed.

"We've had a ton of people contact us about applications of everything from child monitors to mini-storage security to assisted living," says Jezierski.

The \$199.95 price includes an AC power adapter for locations where power is available. A 9-volt battery clip that allows the cam-

era to operate continuously for several hours is also included.

Dual lock fasteners on the camera unit allow it to be moved from place to place. Auto shut down can be adjusted from 10 seconds to longer than 5 minutes. Maximum range is 300 ft. from camera to receiver, but the most reliable distance is 100 to 150 ft.

A user simply plugs the receiver jacks into a television set and attaches an antenna. The receiver plugs into a standard wall outlet. Then the camera is placed wherever you want it. The images show up on your TV.

"We're looking at adding motion sensors and also hooking it up to the internet for remote monitoring," says Jezierski. "Right now, we are getting the core unit out and plan to enhance it with customer feedback."

Contact: FARM SHOW Followup, Scott Jezierski, Wireless Imaging, LLC, 1461 Sherman Lake Road, Lino Lakes, Minn. 55038 (ph 651 470-9507; fax 651 340-1382; sales@wirelessimaging.com; www.wirelessimaging.com).



"Most new well tanks have hard rubber air bags inside them, but I don't like them because if the bag breaks you can't repair it," says Tom Hicswa. "If the air pressure inside the keg gets too high, there's no bag to break."

"Beer Keg" Well Tank

After the well tank in his basement started leaking water, Tom Hicswa, Hammonton, N.J., decided to make his own tank out of a stainless steel beer keg.

"I did it because my galvanized steel well tank was 17 years old and leaking badly," says Hicswa. "All the new well tanks have hard rubber air bags inside them, but I don't like them because if the air pressure inside the bag gets too high and it breaks you can't repair it. A new air bag is expensive and costs almost as much as the tank itself. I tried to find a well tank without an air bag but I couldn't. My beer keg tank is built to last - I doubt I'll have to replace it for quite a while, if ever," says Hicswa. "If the air pressure inside the keg ever gets too high, there's no bag to break."

He started with a 25-gal. keg. He made a filler valve by welding a reducing bushing to the fitting on top of the keg and attaching a

1-in. copper T line to it. He connected one end of the T line to the pump and the other end to the water line in his house. A pressure valve on top of the tank controls pressure in the tank. The last step was to set the keg up on cinderblocks in his basement.

"I set it up 2 1/2 years ago and it has been trouble-free," says Hicswa. "Air pressure pushes the water down through the tank and into the house. By adjusting a pair of screws I can set the air pressure at which the pump goes on and off."

"I bought the keg for \$15 and paid \$7 for fittings, so my total cost was only about \$22. A new tank of that size would cost \$125 to \$150."

Contact: FARM SHOW Followup, Tom Hicswa, 2169 Elwood Road, Hammonton, N.J. 08037 (ph 609 561-7623; hicsky@att.net).



Bottomless bunk measures 44 in. across the top, 38 in. across the bottom and 2 ft. deep.

"Build It Yourself" Bottomless Guard Rail Feed Bunk

These new "build-it-yourself" bottomless feed bunks are designed to bolt together using guard rails that you supply.

Steve Pickart, Steve's Welding & Repair, Stickney, S. Dak., says used guard rail is cheap and widely available from a number of sources.

The bottomless bunk measures 44 in. across the top, 38 in. across the bottom, and 2 ft. deep. Length can be either 13 or 26 ft., depending on the length of your guard rail. Pickart supplies the bunk's ends and middle divider (required for strength on 26-ft. models). The ends and middle are made of 3/16-in. plate steel and come with pre-drilled holes. An optional top rail that runs lengthwise about 1 ft. above the top of the bunk is available.

"They're wider and deeper than conventional bunks, which allows more animals to feed from them," says Pickart. "Our bunk has room for 20 animals but holds enough feed for 30. Such capacity makes it much more practical to use big bale processors that deliver fluffy, high rough rations with ground hay and silage. You may only have to feed your animals once a day. And, you don't need as many bunks in your feedlot."

The reason they can use such a wide bunk, says Pickart, is that the sides angle slightly outward, which allows cattle to stand closer to the bunk and reach farther in as they eat. The sloped sides also keep the animals from



You provide the guard rail. Steve Pickart supplies the bunk's ends and middle divider. Kit sells for \$195 for a 26-ft. bunk.

putting their front feet in the bunk. And guard rail is tough. It'll stand up to years of abuse.

The bunk can be easily lifted out of the way by any front-end loader, allowing the bunk to empty itself out without the need to do any cleaning out.

A guard rail bunk kit, not including top rail, sells for \$195 for a 26-ft. bunk.

The company also sells a pre-built, one-piece 30-ft. long feed bunk with sloped sides and a top rail. It's made from 2-in. well casing pipe and 12-gauge sheet metal. Sells for \$650.

Contact: FARM SHOW Followup, Steve's Welding & Repair, P.O. Box 335, Stickney, S. Dak. 57375 (ph 605 732-4615; steveswelding@midstatesd.net).



Take two wood pallets, saw out every other slat, and then place one pallet on each side of the fence, leaning in at an angle. Bolt or wire the top ends of the pallets together.

Simple, Cheap "Fence Crosser"

Kay Blatter, Chinook, Mont., recently contacted FARM SHOW to tell us about a simple fence crossing "gate" that works like a ladder.

The idea is to take two wood pallets and saw out every other slat, then place one pallet on each side of the fence, leaning in at an angle. Bolt or wire the top ends of the pallets together.

"It's a simple idea that costs almost nothing

and really works," says Blatter. "I use these gates between pastures. The gates let me cross the fences without snagging my pants or having to crawl through the wire. I usually place the pallets alongside a fence post to help stabilize them."

Contact: FARM SHOW Followup, Kay M. Blatter, 765 Daffy Hills Lane, Chinook, Mt. 59523 (ph 406 357-2931).