

8/12 IN 1 Camera System Installation and Operation



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8/12 IN 1 Camera System Installation And Operation

At start up

- The unit is in scanning mode by default.
- Unit switches on / off with the monitor
- If monitor is off all cameras will be off

Installation

- It is recommended that power to control box be connected directly to the battery+ and the ground connected to a secure chassis grounding point.
- Control box is contains a replaceable fuse inside box, an additional fuse at the battery connection may be added for extra safety use a 3 AMP fuse only
- Mount box in a secure location in the cab of vehicle, and place foot pedal in a location that will not interfere with the vehicle operation

Fuse replacement

- Fuse is located on the inside of the control box. If fuse is blown replace fuse with 3 Amp mini blade fuse.
- This unit I intended to be used in 12 volt vehicles only, connecting unit to 24 volts will cause damage to the system, and void the warranty .

Foot switch operation

- Holding the foot switch down for 2 seconds will start scanning operation, releasing the button after the 2 seconds will not stop scanning. Once in scanning mode, press the foot switch for less than 2 seconds to stop scanning (the output video group will not change).
- Pressing the button for less than 2 seconds will result in a channel change (if you weren't already scanning).
- When scanning begins, the output video group will change to indicate that scanning has started.

DIP switch settings

- It is recommended that power and monitor cables are disconnected before changing dip switch settings
- Dip switches are located on board inside the control box
- Switch 4 sets the number of cameras in use
- Switches 1 to 3 set auto scan delay time.

Switch 4	Number of camera groups
0	2 groups of 4 (8 cameras)
1	3 groups of 4 (12 cameras)

Switch 1	Switch 2	Switch 3	Scanning dwell time
0	0	0	5 secs
0	0	1	9 secs
0	1	0	13 secs
0	1	1	17 secs
1	0	0	21 secs
1	0	1	25 seconds

INSTALLING 8/12 IN 1 SYSTEM



MONITOR

FOOTSWITCH



Place the footswitch on the floor of the cab in a location that will not interfere with the operation of the vehicle

12 IN 1 CONTROL BOX



Connect the 4 camera connectors on the monitor harness to the 4 connectors on the 4in 1 splitter.

Connect +12V wire directly to a fuse or buss bar and connect the -GND wire to a secure ground point on the body or chassis of the vehicle (note: the 12 in 1 unit has an internal 3 amp fuse)

2M monitor cable Cable connects the 12 in 1 unit to the monitor

5M 4 in 1 extension cable run from the 12 in 1 box to the hitch of the vehicle

Mount 7 pin connector to vehicle near hitch. So it can be easily connected or detached from the 4 IN 1 extension cable

10M or 15M 4 IN 1 extension cable to run the length of the equipment i.e: seeder

5M or 1M 4 IN 1 combiner cable connects to the single camera cables

4 IN 1 Extension cable is connected to the 4 IN 1 combiner cable or at hitch of airtact

5M,10M,15M,20M or air seeder cables are used to run each camera to the appropriate location on the implement

Cameras are connected to the camera cables



CAMERAS



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Security & Communications Ltd.

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Visit us at www.allenleigh.ca

Allen Leigh Security And Communica-
tions Ltd.

545 Assiniboine Ave,
Brandon, MB R7A 0G3

Tel: 204-728-8878

Toll Free: 1-866-289-8164

Fax: 204-725-2234

Email: info@allenleigh.ca