



REVERSING SAFETY





For 45 years, ECCO Safety Group (ESG) has designed and manufactured some of the world's most effective and innovative visual and audible warning equipment for commercial and public safety vehicles, providing superior protection and enhanced safety both on job sites and out on the road.

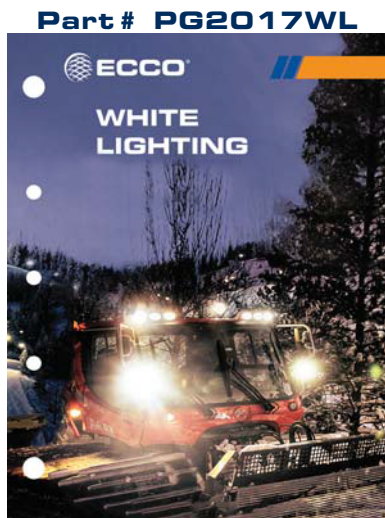
Through our primary brands, ECCO and Code 3, ESG serves thousands of OEM and private label, fleet and aftermarket customers in a range of industries. ESG has facilities in the Americas, Europe, Asia and Australia and a portfolio of the most respected brands in the industry. While we have reached global success, at our core we are committed to providing superior protection and enhanced safety to all of our customers.





ECCO catalogs

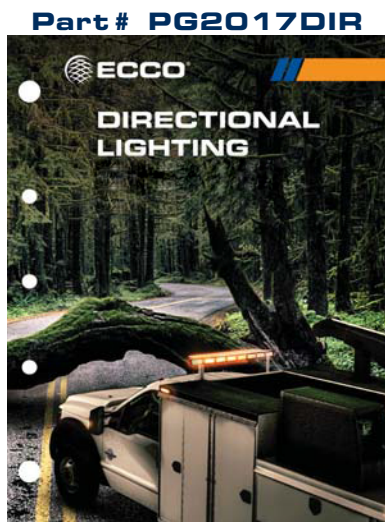
We know that you are busy, and when it comes to your business, efficiency is key. The new ECCO catalog helps you easily identify the products you need to get the job done. For those looking for the complete package, we have product category catalogs available. It's your complete guide to upfitting your work vehicles to ensure an optimal amount of safety.



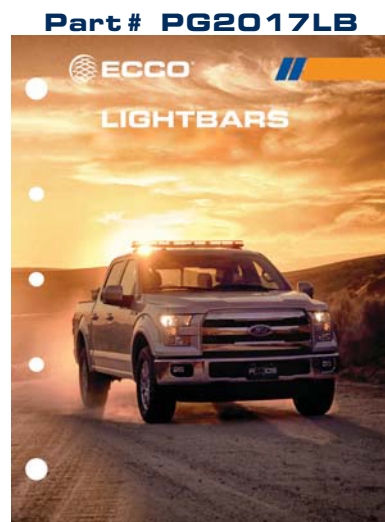
**WORKLAMPS,
UTILITY BARS
& INTERIOR
LIGHTING**



**BEACONS &
MINIBARS**



**DIRECTIONALS &
SAFETY
DIRECTORS**



LIGHTBARS



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The Dirt Magazine



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symbol guide



Part Number



Type



Volts



Decibels



Amps



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Approvals



Warranty



Monitor



Camera



Cable



Control Box &
Proximity Sensors



certifications

Certifications & Standards

Alarms


SAE Type A, B, C, D, E & F Indicates compliance with the relevant section of the Society of Automotive Engineers general requirements for back-up alarms and other audible warning devices. Specific type indicates the dB(A) of the alarm.

General

CE Indicates compliance with general mandatory European product safety regulations (electromagnetic compatibility).

R10 Indicates compliance with mandatory European product safety regulations specifically related to electrical products for on-road vehicles (electromagnetic compatibility).

IP Indicates level of environmental protection provided by a product enclosure as defined by the European Committee for Electro Technical Standardization. Ingress Protection (IP) ratings are stated as two numbers, the first number relates to protection from solid materials (1-6), and the second number to protection from liquids (1-8). The higher the number, the greater the protection.

UL /  Indicates compliance with a relevant electrical product safety standard as defined by Underwriters Laboratories (UL). UL recognized products are suitable for use on electrically powered vehicles that are themselves covered by a UL standard (i.e. forklifts).

AMECA Indicates 3rd party, independent verification of SAE compliance by the Automotive Manufacturers Equipment Compliance Agency.

Cameras

FCC Indicates compliance with the types and levels of radio interference that products can produce or accept without requiring a license. Operation is subject to the condition that this device does not cause harmful interference.

RoHS Indicates compliance with European directive restricting the use of hazardous substances such as lead, mercury, cadmium, hexavalent chromium, and six other substances.

RCM Formerly C-Tick. Indicates that a product complies to the EMC requirements established by the Australian Communications and Media Authority (ACMA).

BE SAFE, BUT KEEP THE NOISE DOWN



According to the Bureau of Labor Statistics, about 70 workers die each year in the US due to commercial vehicle reversing accidents. Countless other reversing accidents result in serious injury and expensive damage to vehicles and equipment. Regardless of your industry, protecting workers, the public, and your company assets is both a moral and a legal obligation. This is why installing back-up alarms is so important. Meeting these requirements while minimizing disturbance to neighbors is a delicate balancing act. Alleviate the dilemma quickly and easily with ECCO's extensive line of Reversing Safety Solutions.

BACK-UP ALARM SELECTION WHAT ARE THE OPTIONS?

There are several decisions to be made when selecting a back-up alarm.

First, you have the choice between a tonal alarm and a multi-frequency alarm. Industry experts have suggested either can provide an effective warning, and each has its merits as described below.

Second, you must choose an alarm with the appropriate sound pressure level (SPL). OSHA requires a reverse alarm to be audible above the surrounding noise level. If you know the ambient noise level and it remains reasonably constant, then the appropriate fixed dB alarm can be selected, whether tonal or multi-frequency.

The key is complying with the requirements of OSHA while selecting the lowest SPL alarm possible so as not to create a noise nuisance. Fortunately, ECCO pioneered another solution — the Smart Alarm®, available in either tonal or multi-frequency. Smart Alarms monitor ambient noise and automatically adjust their output to 5dB above that, satisfying OSHA's requirements. Smart Alarms are the perfect solution for worksites with inconsistent noise or varying noise levels.\

TONAL VS MULTI-FREQUENCY

So what's the difference?

Tonal alarms emit sound at a single, predominant frequency resulting in the familiar “beep-beep” warning signal that we've all grown accustomed to. Conversely, multi-frequency alarms emit sound at multiple frequencies within a narrow band resulting in a “shhh-shhh” warning sound. There is no scientific evidence to prove either sound is more effective than the other in a reversing vehicle application. However, there are several points of view that should be considered when deciding which option is best for you.

BEEP
TONAL

The beep-beep sound is a familiar signal that is readily understood as a danger signal.

The sound is more piercing and therefore less likely to be masked by ambient noise such as vehicle engines.

SHHH
MULTI-FREQUENCY

Shhh-shhh is a newer sound that has been introduced as a warning signal.

The sound is perceived to be more directional.

The sound is perceived to dissipate more quickly outside the danger zone behind the vehicle.



back-up alarms



Listens
0.4 Seconds



Sounds
0.5 Seconds



Shuts Down
0.1 Seconds



**Cycle
Repeats**

Smart Alarms® self-adjust to their environment as they constantly measure ambient noise and adjust their sound level to 5 dB(A) above, creating a volume that is safe without being annoying or contributing to noise pollution. Pure Tone models feature the familiar beep-beep sound of a conventional back-up alarm while Multi-Frequency versions provide a solution to potential noise pollution created by conventional back-up alarms in confined or densely populated work areas. Multi-Frequency alarms maintain a safe warning signal for those in the danger zone of backing vehicles while minimizing disturbance to work-site neighbors by using a range of sound frequencies within a narrow band to emit a warning signal that is more directional and perceived to dissipate quicker than that of a Pure Tone alarm.



back-up alarms

Smart Alarms®



SA950
T Smart
V 12-24
dB(A) 82-102
A 0.4
X 2 Bolt
CE, R10, UL, IP65
2 Year



SA951
Smart
12-48
77-97
0.2
2 Bolt
CE, R10, UL
2 Year



SA955
Smart
12-24
82-102
0.4
Grommet
CE, R10
2 Year



EA9724
Smart, MFA
12-24
77-97
0.7
2 Bolt
SAE J994 Type F, CE, R10, IP64
ECCOLIFE™



SA940
T Smart
V 12-24
dB(A) 87-112
A 0.6
X Grommet
CE, R10
ECCOLIFE™



SA901N
Smart
12-24
82-107
0.3
2 Bolt
CE, R10, UL, IP64
ECCOLIFE™



SA931N
Smart
12-48
82-102
0.2
2 Bolt
CE, R10, UL, IP64
ECCOLIFE™



EA9780
Smart, MFA
36-80
77-97
0.8
2 Bolt
SAE J994 Type F, CE, R10
ECCOLIFE™



SA917N
T Smart
V 12-24
dB(A) 87-112
A 1.5
X 2 Bolt
SAE J994 Type F, CE, R10
ECCOLIFE™



SA914N
Smart
12-24
87-112
1.5
2 Bolt
SAE J994 Type F, CE, R10
ECCOLIFE™



SA907N
Smart
12-24
82-107
0.5
2 Bolt
CE, UL, R10, IP64
ECCOLIFE™



EA9070
Smart, MFA
12-24
87-107
0.9
2 Bolt
SAE J994 Type F, CE, R10, IP66
ECCOLIFE™



SA920
T Smart
V 12-24
dB(A) 97-112
A 0.6
X 2 Bolt
CE, R10, IP66
2 Year

**BE A BETTER
NEIGHBOR**

CAUTION
VEHICLE STOPS AND BACKS FREQUENTLY

CAUTION
WIDE
RIGHT
TURNS
DO NOT PASS
ON RIGHT

CAUTION
RIGHT-HAND SIDE
DRIVER





back-up alarms

Multi-Frequency™ Alarms (MFA)

Emits sound at multiple frequencies attenuated above 4000Hz

Compact design and universal mounting maximizes location options

Encapsulated electronics extend product life

DIMENSIONS

3.2 [82] H x 7.2 [183] W x 4 [102] D (EA7020/7070)

3.1 [78] H x 5.0 [127] W x 2.7 [68] D (EA6100/6110)

2.8 [72] H x 4.0 [102] W x 1.6 [41] D (EA5050/5200)



EA5050
 T MFA
 V 12-24
 dB(A) 87
 A 0.34
 X 2 Bolt
 CE SAE J994 Type D
 CE, R10, AMECA
 ⌚ 2 Year



EA5200
 MFA
 12-24
 97
 1.0
 2 Bolt
 SAE J994 Type C
 CE, R10, AMECA
 2 Year



EA6100
 T MFA
 V 12-24
 dB(A) 97
 A 0.7
 X 2 Bolt
 CE SAE J994 Type C
 CE, R10
 ⌚ ECCOLIFE™



EA9724
 Smart, MFA
 12-24
 77-97
 0.7
 2 Bolt
 SAE J994 Type F,
 CE, R10
 ECCOLIFE™



EA9780
 Smart, MFA
 36-80
 77-97
 0.8
 2 Bolt
 SAE J994 Type F,
 CE, R10
 ECCOLIFE™



EA7070
 T MFA
 V 12-24
 dB(A) 107
 A 0.8
 X 2 Bolt
 CE SAE J994 Type B
 CE, R10, AMECA, IP66
 ⌚ ECCOLIFE™



EA7020
 MFA
 12-24
 102
 0.6
 2 Bolt
 SAE J994 Type F
 CE, R10, AMECA, IP66
 ECCOLIFE™



EA9070
 Smart, MFA
 12-24
 87-107
 0.9
 2 Bolt
 SAE J994 Type F,
 CE, R10, IP66
 ECCOLIFE™



back-up alarms



Compact design and universal mounting maximizes location options

Stud terminal connection (575 = leadwire)

Self-grounding (except 575)

Encapsulated electronics extend product life

*SRC – Self Resonating Circuitry monitors the frequency of the alarm’s sound output on each cycle and adjusts to the optimum frequency for prevailing conditions. This feature maintains the most effective warning signal possible for the life of the alarm by compensating for speaker aging, temperature and humidity variations, as well as the effect of dust and moisture deposits.

500 Series

#	SA950	SA951
T	Smart	Smart
V	12-24	12-48
dB(A)	82-102	77-97
A	0.4	0.2
X	2 Bolt	2 Bolt
⊗	CE, R10, UL, IP65	CE, R10, UL
⌚	2 Year	2 Year
#	505	510
T	SRC*	SRC*
V	12-24	12
dB(A)	87	97
A	0.1	0.2
X	2 Bolt	2 Bolt
⊗	SAE J994 Type D CE, R10, UL, AMECA, IP65	SAE J994 Type C CE, R10, UL, AMECA, IP65
⌚	2 Year	2 Year
#	520	530
T	SRC*	SRC*
V	12-24	12-24
dB(A)	97	102
A	0.2	1.0
X	2 Bolt	2 Bolt
⊗	SAE J994 Type C CE, R10, UL, AMECA, IP65	SAE J994 Type F CE, R10, UL, IP65
⌚	2 Year	2 Year
#	585	575
T	SRC*	SRC*
V	12-48	12-24
dB(A)	97	107
A	0.1	0.9
X	2 Bolt	2 Bolt
⊗	SAE J994 Type C CE, R10, UL, AMECA	SAE J994 Type B CE, R10, UL
⌚	2 Year	2 Year

DIMENSIONS

2.8 [71] H x 4 [102] W x 1.6 [41] D

EFFICIENCY & SAFETY STARTS WITH ECCO

From reversing alarms to pedestrian warning lights, ECCO's complete line of Material Handling products offers everything your team needs to get the job done. All the products in the Material Handling line range from 12, 12-24, 12-48 and 12-80 volts making them ideal for warehouse operation.

Whether you need warning beacons to alert oncoming traffic or pedestrian warning lights for optimal safety, ECCO has the solution.



WHITE LIGHTING
E92007-HV
EW2110
EW2101-HV



WARNING LIGHTING
6262
6465



PEDESTRIAN WARNING
EW2015R
EW2002B



REVERSING SAFETY
585
SA951
EA9780
FH577
DF532



back-up alarms



DIMENSIONS

4.4 [111] Diameter x 2.8 [71] D

400 Series

Grommet Mount

Reverse mounted speaker protects against dust, moisture and vibration

Fits standard 4.5" rear lighting grommet

Encapsulated electronics extend product life

#	SA940	450
T	Smart	-
V	12-24	12-36
dB(A)	87-112	112
A	0.6	0.4
X	Grommet	Grommet
⊙	-	SAE J994 Type A, CE, R10
Ⓢ	CE, R10 ECCOLIFE™	CE, R10 ECCOLIFE™

600 Series

Reverse mounted speaker protects against dust, moisture and vibration

Designed for demanding applications

Encapsulated electronics extend product life



#	SA901N	SA931N
T	Smart	Smart
V	12-24	12-48
dB(A)	82-107	82-102
A	0.3	0.2
X	2 Bolt	2 Bolt
⊙	CE, R10, UL, IP64	CE, R10, UL, IP64
Ⓢ	CE, R10, UL, IP64 ECCOLIFE™	CE, R10, UL, IP64 ECCOLIFE™

#	610N	630N
V	12-36	12-36
dB(A)	97	107
A	0.4	1.2
X	2 Bolt	2 Bolt
⊙	SAE J994 Type C, CE, R10, UL, AMECA	SAE J994 Type B, CE, R10, UL, AMECA
Ⓢ	CE, R10, UL, AMECA ECCOLIFE™	CE, R10, UL, AMECA ECCOLIFE™

DIMENSIONS

3.1 [78] H x 5.0 [127] W x 2.7 [68] D



back-up alarms

800 Series

Reverse mounted speaker protects against dust, moisture and vibration
Designed for demanding applications
Encapsulated electronics extend product life



DIMENSIONS
4.2 [105] H x 5.7 [146] W x 3.1 [79] D

SA907N

- T** Smart
- V** 12-24
- dB(A)** 82-107
- A** 0.5
- X** 2 Bolt
- ⊙** CE, R10, UL, IP64
- ⌚** ECCOLIFE™

SA917N

- T** Smart
- V** 12-24
- dB(A)** 87-112
- A** 1.5
- X** 2 Bolt
- ⊙** SAE J994 Type F, CE, R10
- ⌚** ECCOLIFE™

830N

- V** 12-36
- dB(A)** 107
- A** 1.1
- X** 2 Bolt
- ⊙** SAE J994 Type B, CE, R10, AMECA
- ⌚** ECCOLIFE™

840N

- V** 12-36
- dB(A)** 97/112 Switchable
- A** 1.4
- X** 2 Bolt
- ⊙** CE, R10, IP65
- ⌚** ECCOLIFE™

850N

- V** 12-36
- dB(A)** 112
- A** 1.3
- X** 2 Bolt
- ⊙** SAE J994 Type A, CE, R10, UL, AMECA
- ⌚** ECCOLIFE™

As above, plus bracket including popular OEM mounting pattern



DIMENSIONS
4.2 [105] H x 7.1 [180] W x 3.1 [78] D

SA914N

- T** Smart
- V** 12-24
- dB(A)** 87-112
- A** 1.5
- X** 2 Bolt
- ⊙** SAE J994 Type F, CE, R10
- ⌚** ECCOLIFE™

876N

- V** 12-36
- dB(A)** 112
- A** 1.3
- X** 2 Bolt
- ⊙** SAE J994 Type A, CE, R10, UL, AMECA
- ⌚** ECCOLIFE™



back-up alarms

700 Series



DIMENSIONS

3.3 [84] H x 7.1 [181] W x 4 [102] D

OEM popular design
SA920 includes protective grille
Encapsulated electronics extend product life

#	SA920	777
T	Smart	-
V	12-24	12-24
dB(A)	97-112	97/107/112 Switchable
A	0.6	0.8
X	2 Bolt	2 Bolt
⊗	CE, R10, IP66	SAE J994 Type A, B, C, CE, R10, IP66
⌚	2 Year	2 Year

40 Series

Grommet Mount



Directs warning to rear of vehicle
Fits standard 4.5" rear lighting grommet
Encapsulated electronics extend product life

#	SA955
T	Smart
V	12-24
dB(A)	82-102
A	0.4
X	Grommet
⊗	CE, R10
⌚	2 Year

DIMENSIONS

4.1 [104] Diameter x 1.7 [43] D

200 Series



Compact profile
Stud terminal connection
Encapsulated electronics extend product life

#	210
V	12
dB(A)	97
A	0.1
X	2 Bolt
⊗	SAE J994 Type C
⌚	2 Year

DIMENSIONS





4.5 [114] H x 4.5 [114] W x 1.3 [33] D



back-up alarms

Audible Devices

Panel mount 1.25" hole
Piezo electronics
Encapsulated electronics extend product life

	
# 201120	# 202120
T Fast Pulse	T Slow Pulse
V 12-48	V 12-48
dB(A) 80	dB(A) 80
A 0.1	A 0.1
 UL	-
 6 Month	 6 Month
	
# 204120	# 208120
T Dual Mode	T Loud Continuous
V 12-48	V 12-36
dB(A) 80	dB(A) 86
A 0.1	A 0.1
 6 Month	 6 Month
	
# 209120-E	
T Continuous	
V 12-48	
dB(A) 80	
A 0.1	
 UL	
 6 Month	

DIMENSIONS
1.3 [33] H x 1.7 [43] Diameter
1.8 [45] H including terminals

Warning Alarms

		
# CT530-2LDW	# FH575	# FH577
T Constant Tone	T Forward Horn	T Forward Horn
V 12-24	V 12	V 24-48
dB(A) 102	dB(A) 107	dB(A) 107
A 0.5	A 0.5	A 1.2
 2 Bolt	 2 Bolt	 2 Bolt
 CE, R10, UL, IP64	 SAE J1105 Type L	 CE, R10, UL
 2 Year	 2 Year	 2 Year
		
# DT500	# DT500FP-LWC	# DF532
T Dual Tone	T Dual Tone	T Dual Function
V 12-24	V 12-24	V 12-24
dB(A) 97	dB(A) 102 Fast Pulse	dB(A) 102 Back-Up, 102 Dual Tone
A 0.5	A 0.9	A 0.3
 2 Bolt	 2 Bolt	 2 Bolt
 CE, R10, IP65	 CE, R10, UL, IP64 2	 SAE J994 Type F, CE, R10, IP64
 2 Year	 Year	 2 Year

DIMENSIONS
2.8 [72] H x 4.0 [102] W x 1.7 [44] D

Alarm Activation

			
# DS-1500	# SW30	# SW15	# SW10
T Drive Line Sensor	T 360°	T 360°	T Single Direction
V -	V 12-80	V 12-80	V 12-24
A 5.0	A 10.0	A 10.0	A 0.5
 1 Year	 1 Year	 1 Year	 1 Year

THE DIRT

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TAKE THE DIRT
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ANYTIME



DON'T LET WIRES INTERFERE



EC7008-WK

**NOW AVAILABLE
7" WIRELESS SYSTEM**



camera systems





Auto pair

NEW

EC7008-WK Gemineye™ 7" Quad View LCD Color Wireless System

- 2.4 GHz digital wireless system
- Quad split screen & SD card enabled
- Four camera expandable

COMPONENTS

-  EC7008-WM
-  EC2027-WC

ACCESSORIES & REPLACEMENT PARTS

- ECANTE, ECANTE-5 Antenna
- ECANTE-R Remote Antenna
- PCY-EC7008-WM Wire Harness





camera systems



EC5605-WK Gemineye™ 5.6" LCD Color Wireless System

2.4 GHz digital wireless system
CMOS 11 LED infrared camera
Four camera expandable

COMPONENTS

-  EC5605-WM
-  EC2014-WC

ACCESSORIES & REPLACEMENT PARTS

ECANTE, ECANTE-5 Antenna
ECANTE-R Remote Antenna
PC1.8Y-W Wire Harness






camera systems



EC7000-QK Gemineye™ 7" Quad View LCD Color System

Quad view, split screen
CMOS 11 LED infrared camera
Four camera expandable

COMPONENTS

-  EC7000-QM
-  EC2014-C
-  ECTC20-4
(20m/65')

EXPANSION OPTIONS

-
- Any current ECCO camera
- ECTC5-4 (5m/16'), ECTC10-4
(10m/32'), ECTC20-4 (20m/65')

ACCESSORIES & REPLACEMENT PARTS

- PCY-EC7000-QM Wire Harness
- EZ7000-QM DVR Connection Cable



camera systems




EC7003-K Gemineye™ 7" LCD Color System

Touchscreen menu control
CMOS 11 LED infrared camera
Three camera expandable



COMPONENTS

EXPANSION OPTIONS

- | | |
|--|--|
|  EC7003-M | - |
|  EC2014-C | Any current ECCO camera |
|  ECTC20-4 (20m/65') | ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65') |

ACCESSORIES & REPLACEMENT PARTS PC1.8Y-4 Wire Harness

EC7004-SK Gemineye™ 7" LCD Color Reversing Sensor System





Integrated ultrasonic proximity sensors

CMOS 11 LED infrared camera
Three camera expandable



COMPONENTS

EXPANSION OPTIONS

- | | |
|---|--|
|  EC7003-M | - |
|  EC2014-C | Any current ECCO camera |
|  ECTC20-4 (20m/65') | ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65') |
|  EC1004-SK (4 sensors/speaker) | - |



camera systems






ACCESSORIES & REPLACEMENT PARTS
PC1.8Y-4 Wire Harness

EC5603-K Gemineye™ 5.6" LCD Color System

Touchscreen menu control
CMOS 11 LED infrared camera
Three camera expandable

COMPONENTS

-  EC5603-M
-  EC2014-C
-  ECTC20-4 (20m/65')

EXPANSION OPTIONS





-
- Any current ECCO camera
- ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65')



EC5604-SK Gemineye™ 5.6" LCD Color Reversing Sensor System

Integrated ultrasonic proximity sensors
CMOS 11 LED infrared camera
Three camera expandable

COMPONENTS

-  EC5603-M
-  EC2014-C
-  ECTC20-4 (20m/65')
-  EC1004-SK (4 sensors/speaker)

EXPANSION OPTIONS

-
- Any current ECCO camera
- ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65')
-



camera systems

EC4200-K **Gemineye™** 4.3" LCD Color Mirror System




Mirror integrated monitor

Flush mount CMOS 10 LED infrared camera

Two camera expandable

COMPONENTS

EXPANSION OPTIONS

	EC4204-M	-
	EC2015-C	Any current ECCO camera
	ECTC20-4	ECTC5-4 (5m/16'), ECTC10-4 (10m/32') , ECTC20-4 (20m/65')



EC4204-SK **Gemineye™** 4.3" LCD Color Mirror Reversing Sensor System





Integrated ultrasonic proximity sensors

Flush mount CMOS 10 LED infrared camera

Two camera expandable

COMPONENTS

EXPANSION OPTIONS

	EC4204-M	-
	EC2015-C	Any current ECCO camera
	ECTC20-4 (20m/65')	ECTC5-4 (5m/16'), ECTC10-4 (10m/32') , ECTC20-4 (20m/65')
	EC1004-SK (4 sensors/speaker)	-





camera systems






K7000B Gemineye™ 7" LCD Color System

CMOS 18 LED infrared camera

Includes monitor sunshade

Two camera expandable

COMPONENTS

-  M7000B
-  C2013B
-  ECTC20-4 (20m/65')

EXPANSION OPTIONS

-
- Any current ECCO camera
- ECTC5-4 (5m/16'), ECTC10-4 (10m/32'), ECTC20-4 (20m/65')



camera systems

NEW

EC5000B-K Gemineye™

5" LCD Color System

Compact monitor & camera design

Includes monitor sunshade

Three camera expandable



COMPONENTS

 EC5000B-M

 EC2020-C

 ECTC20-4
(20m/65')

EXPANSION OPTIONS

-

Any current ECCO camera

ECTC5-4 (5m/16'), ECTC10-4 (10m/32'),
ECTC20-4 (20m/65')

NEW

EC4210B-K Gemineye™

4.3" LCD Color Mirror System

Mirror integrated monitor

License plate bracket

Two camera expandable



COMPONENTS

 EC4210B-M

 EC2026-C

 ECTC20-4
(20m/65')

EXPANSION OPTIONS

-

Any current ECCO camera

ECTC5-4 (5m/16'), ECTC10-4 (10m/32'),
ECTC20-4 (20m/65')



camera systems monitors

One year warranty



EC4204-M **NEW**
EC4210B-M **EC5603-M**

	EC4204-M	EC4210B-M	EC5603-M
approvals	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, R10, RCM, RoHS
internal controller	Yes	Yes	Yes
color	Yes	Yes	Yes
voltage	12-24	12	12-24
power consumption (watts)	4.6	4.8	5
audio	Yes	Yes	Yes
day / night light sensor	Yes	-	Yes
dimensions	11.03" x 3.6" x 1.2"	10.2" x 3.5" x 0.8"	6.32" x 4.52" x 1.06"
weight	1.32 lbs	0.9 lbs	2.67 lbs
temperature (F°)	-4 to +158	-4 to +158	-4 to +158
screen size	4.3"	4.3"	5.6"
quad view	-	-	-
mirror image	-	-	Yes
remote control	Yes	Yes	Yes
sunshade	-	-	Yes
max cameras	2	2	3
4 pin camera connection	Yes	Yes	Yes



camera systems monitors



EC5605-WM



NEW
EC5000B-M



EC7003-M



EC7000-QM



NEW
EC7008-WM



M7000B

EC5605-WM	EC5000B-M	EC7003-M	EC7000-QM	EC7008-WM	M7000B
FCC, CE, R10, RoHS	FCC, CE, RoHS	FCC, CE, R10, RCM, RoHS	FCC, CE, RoHS	FCC, CE, R10, RoHS	CE, RoHS
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes
12-24	12-24	12-24	12-24	12-24	12-24
8	2.6	6	6.4	6.4	5
Yes	-	Yes	Yes	Yes	-
Yes	Yes	Yes	Yes	Yes	Yes
6.32" x 4.51" x 1.06"	5.2" x 3.5" x 2.0"	8.4" x 6" x 2.8"	8.4" x 6" x 2.8"	8.4" x 6" x 2.8"	6.85" x 4.49" x 0.94"
2.87 lbs	0.8 lbs	3.3 lbs	3.3 lbs	3.3 lbs	0.88 lbs
-4 to +158	-4 to +158	-4 to +158	-4 to +158	-4 to +158	-4 to +158
5.6"	5.0"	7.0"	7.0"	7.0"	7.0"
-	-	-	Yes	Yes	-
Yes	-	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	-
Yes	Yes	Yes	Yes	Yes	Yes
4	3	3	4	4	2
-	Yes	Yes	Yes	-	Yes



camera systems cameras

One year warranty



	EC2014-C	EC2014-WC	NEW EC2027-WC	C2013B	EC2024-C
approvals	IP69K, FCC, CE, R10, RCM, RoHS	IP69K, FCC, CE, R10, RoHS	IP69K, FCC, CE, R10, RoHS	IP69K, FCC, CE, RoHS	IP69K, FCC, CE, R10, RoHS
color	Yes	Yes	Yes	Yes	Yes
power consumption (watts)	3	.25	1.7	1	2.5
microphone	Yes	Yes	Yes	-	Yes
day / night light sensor	Yes	Yes	Yes	Yes	Yes
dimensions	2.87" x 2.99" x 2.60"	2.87" x 2.99" x 2.98"	3.8" x 2.8" x 2.6"	2.92" x 3.01" x 2.62"	3.6" x 2.7" x 2.5"
weight	0.74 lbs	0.89 lbs	1 lbs	0.6 lbs	0.82 lbs
temperature (F°)	-4 to +158	-4 to +158	-4 to +158	-22 to +158	-22 to +158
lens angle	120°	120°	120°	120°	120°
lens size	1/3"	1/3"	1/3"	1/4"	1/10"
infrared LEDs	11	11	12	18	18
mechanical vibration	10G	10G	10G	8G	10G
4 pin camera connection	Yes*	-	-	Yes*	Yes*

*threaded connection

Kits include a short Y-type wiring harness. An additional camera and transmission cable (ECTC20-4) are required to expand the kit to two cameras.



camera systems cameras



EC2023-C

IP69K, FCC, CE, R10, RoHS

Yes

1.3

Yes

Yes

2.3" x 2.6" x 2.1"

0.51 lbs

-22 to +158

120°

1/10"

6

10G

Yes*



NEW
EC2026-C

IP69, FCC, CE, RoHS

Yes

1.8

-

-

7.7" x 1.9" x 1.6"

0.16 lbs

-22 to +158

170°

3/5"

-

10G

Yes*



EC2022-C

IP69K, FCC, CE, R10, RCM, RoHS

Yes

1.3

-

Yes

12.3" x 6.3" x 1.2"

0.73 lbs

-22 to +158

150°

3/5"

4

10G

Yes*



EC2015-C

IP67, FCC, CE, RoHS

Yes

< 1

-

Yes

1.69" x 1.24" x 1.1"

0.14 lbs

-22 to +158

120°

-

10

-

Yes*



EC2020-C

IP69, RoHS

Yes

2

-

-

0.9" x 0.9" x 0.9"

0.11 lbs

-22 to +158

170°

3/5"

-

10G

Yes*



EC2021-C

IP69, RoHS

Yes

2

-

-

0.6" diameter

0.09 lbs

-22 to +158

170°

3/5"

-

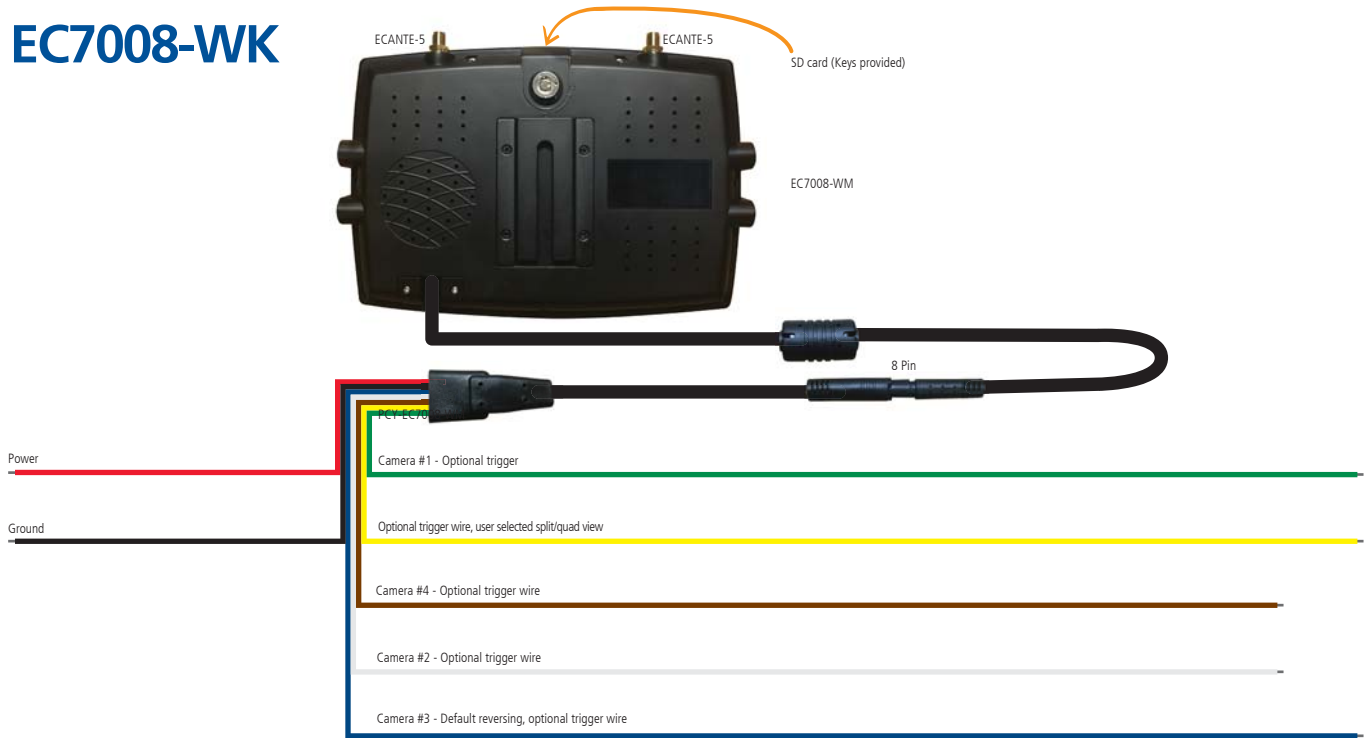
10G

Yes*

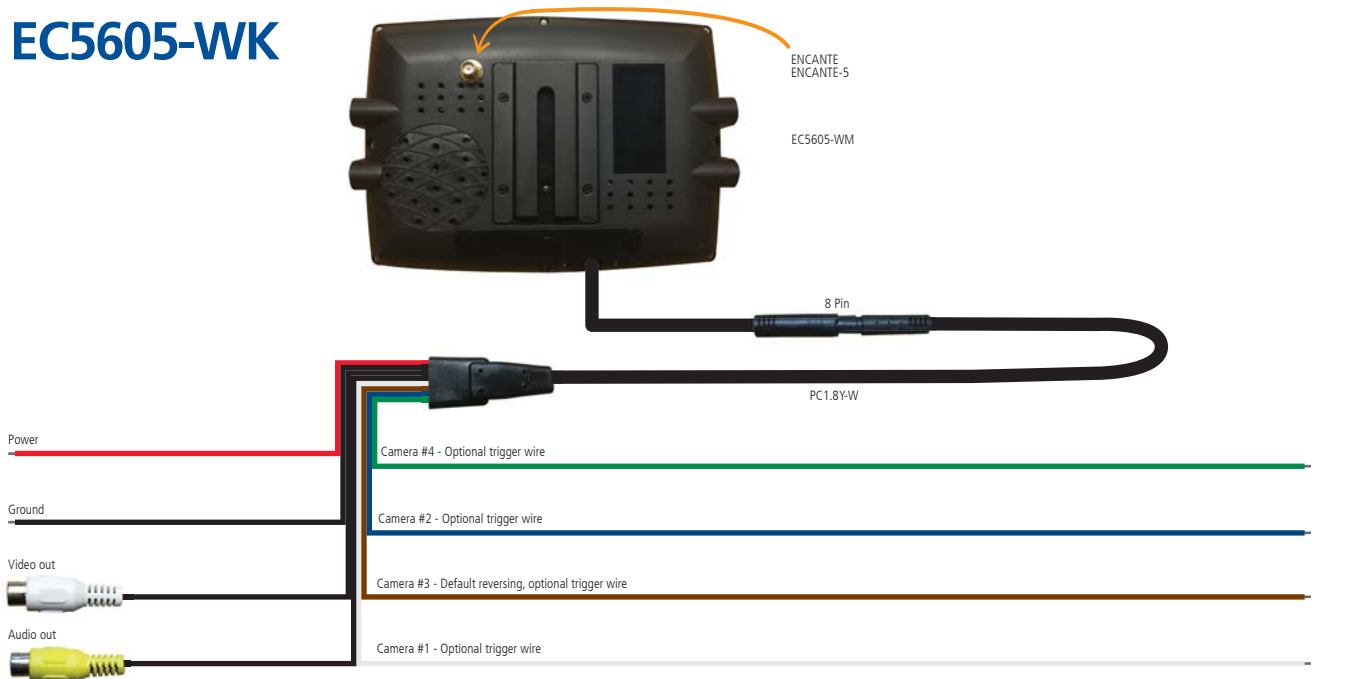


camera systems wiring guide

EC7008-WK

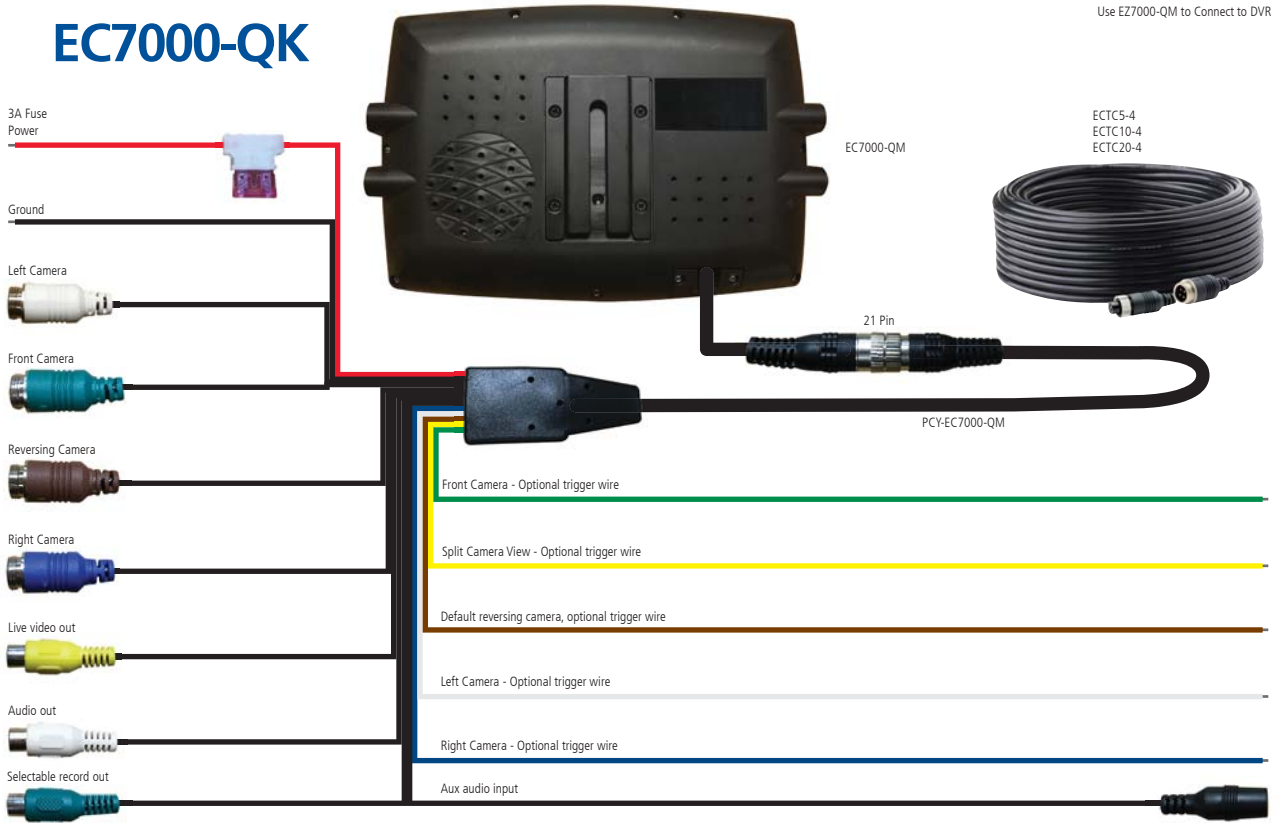


EC5605-WK

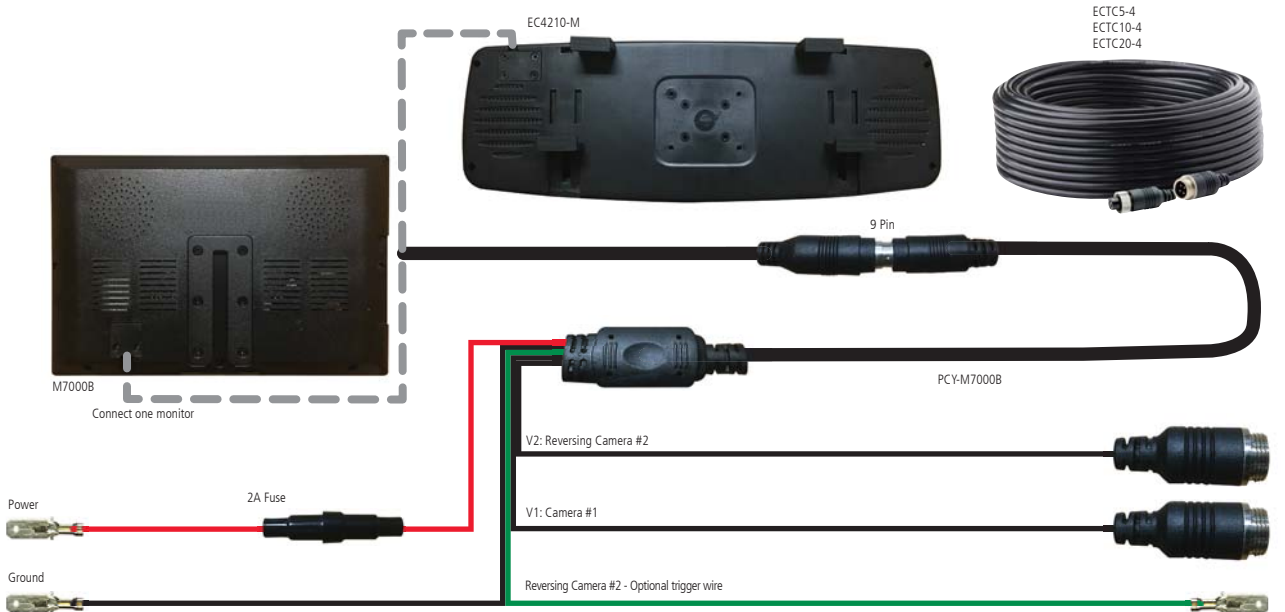




camera systems wiring guide



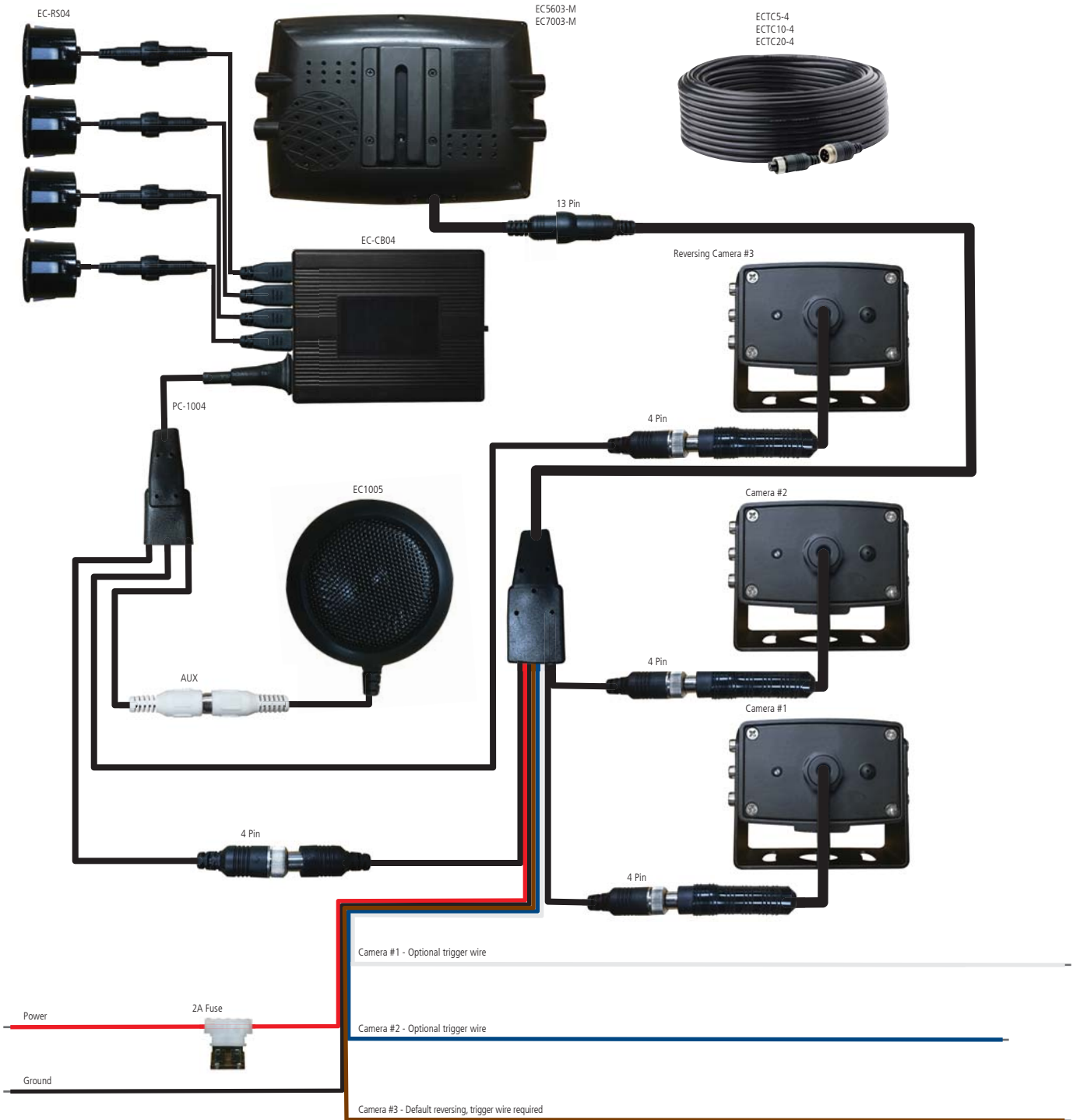
K7000B & EC4210-K





camera systems wiring guide

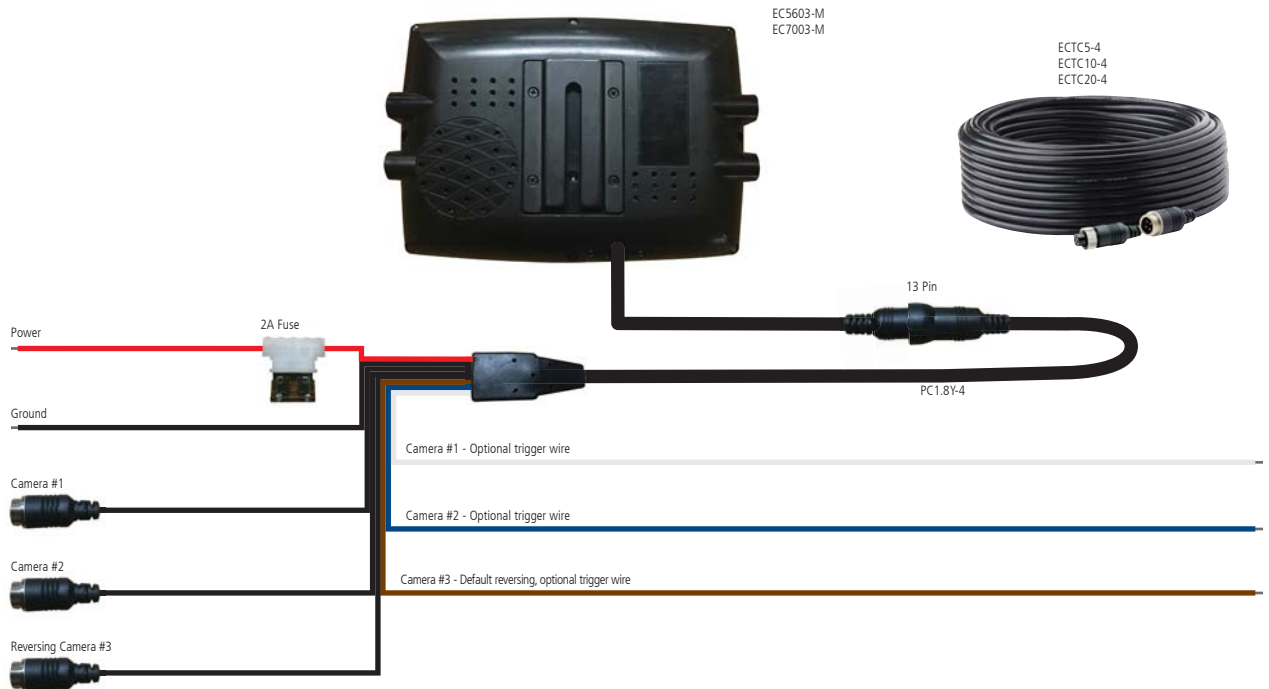
EC5604-SK & EC7004-SK



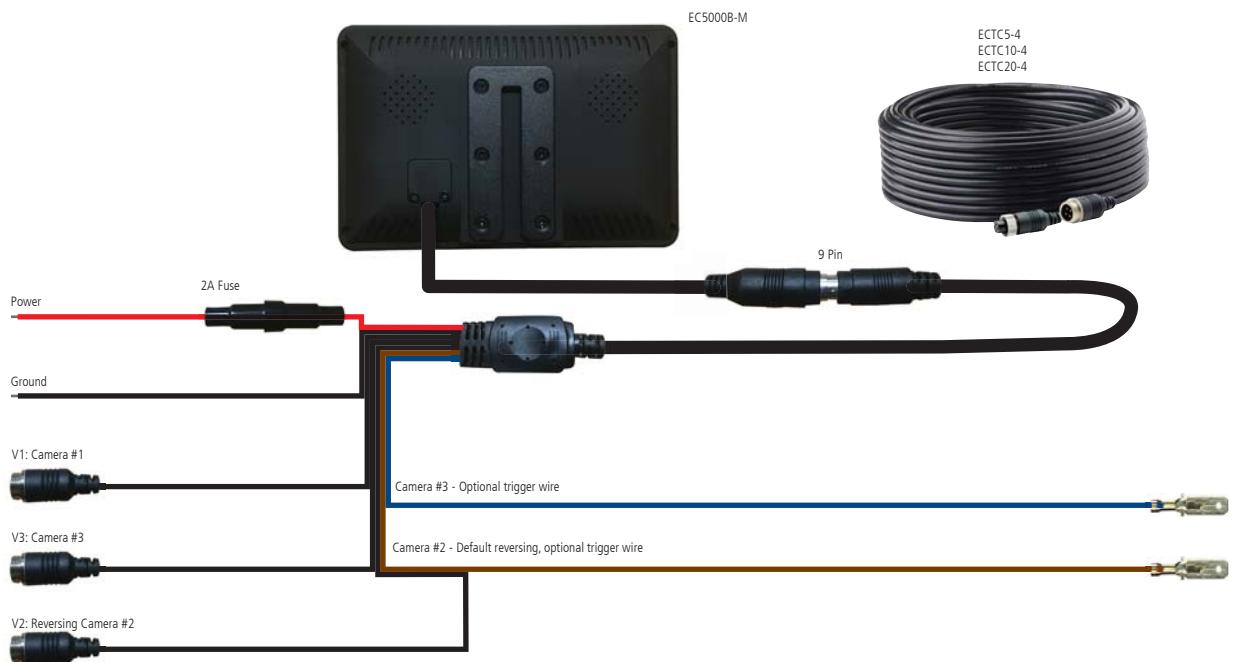


camera systems wiring guide

EC5603-K & EC7003-K



EC5000B-K





camera systems accessories

Wireless Modules



ECANTE-R
Remote antenna (3M cable)
Used with EC5605-WM, EC7008-WM, EC2014-WC, EC2027-WC



ECANTE / ECANTE-5
Replacement antenna
Used with EC1000-WMK, EC5605-WM, EC2014-WC, EC2027-WC, EC7008-WM



EC1000-WMK
12-24V, 5A IP69K,
-4° to +140° F, 0.75 lbs
4.13" x 4.10" x 1.01"
Converts EC5603-K & EC7003-K to wireless



MB01
Adhesive
5.0", 5.6" and 7.0"



MB03
3 Bolt
5.6" and 7.0"

Sensor Kit Components



Requires ECCO monitor & camera



EC1004-SK
Reversing sensor system
Kit includes all components:
EC-CB04, EC1005, EC-RS04 & PC-1004
(or order individually)



EC-CB04
Control box
Used with EC4204-SK, EC5604-SK, EC7004-SK & EC1004-SK



EC-RS04
4 Sensors
Used with EC4204-SK, EC5604-SK, EC7004-SK & EC1004-SK



EC1005
Speaker
Used with EC4204-SK, EC5604-SK, EC7004-SK & EC1004-SK



PC-1004
Power cable
Used with EC4204-SK, EC5604-SK, EC7004-SK & EC1004-SK

Camera Transmission Cables



ECTC5-4 5m/16' (4 pin)
ECTC10-4 10m/32' (4 pin)
ECTC20-4 20m/65' (4 pin)
For use with any current ECCO camera



ECTT-10-01 10m/32' (1 camera)
ECTT-10-02 10m/32' (2 camera)
ECTT-20-01 20m/65' (1 camera)
ECTT-20-02 20m/65' (2 camera)
For use with any current ECCO camera
Tractor to trailer socket connector
(7 to 4 pin monitor to curly = 5m/16')



EZ7000-QM 5m/16' (4 pin)
For use with any current ECCO camera

Power / Trigger / Transmission Harnesses



PC1.8Y-W
6'7" (Female 8)
Used with EC5605-WM monitor



PCY-M7000B
5' (Male 4 / Male 9)
Used with M7000B monitor



PC1.8Y-4
6' (Male 4 / Female 13)
Used with EC5603-M, EC7003-M monitors



PCY-EC7000-QM
3' (Male 4 / Female 22)
Used with EC7000-QM monitor



PCY-EC7008-WM
6'5" (Male 8)
Used with EC7008-WM monitor

Kits include a short Y-type wiring harness. An additional camera and transmission cable (ECTC20-4) are required to expand the kit to multiple cameras.



camera systems accessories

Adapters



ADPT-07
S-video to VHS (S = Female 4 / VHS = Male 4) - 5"



ADPT-08
S-video to VHS (S = Female 4 / VHS = Male 4) - 5"



ADPT-09
S-video to VHS (S = Female 4 / VHS = Male 6) - 5"



ECADPT-1
4 Pin Male Threaded to 4 Pin Female VHS



ECADPT-2
4 Pin Female Threaded to 4 Pin Male S-Video



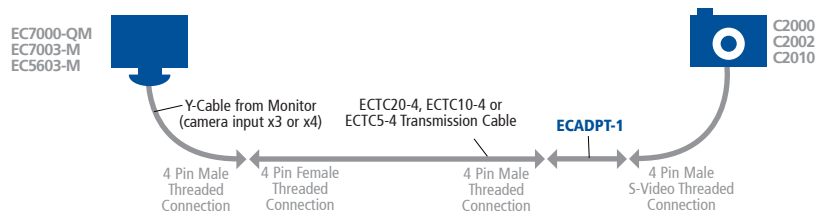
ECADPT-3
4 Pin Male VHS to 4 Pin Female Threaded



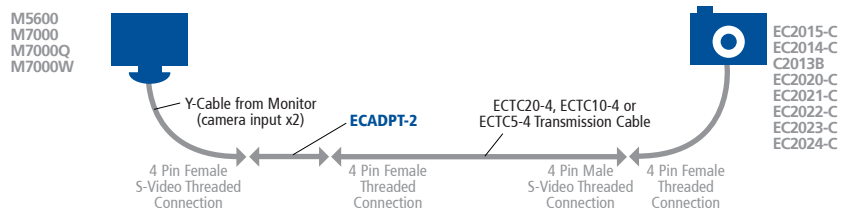
ECADPT-4
4 Pin Female S-Video to 4 Pin Male Threaded

Legacy Camera Adapter Applications

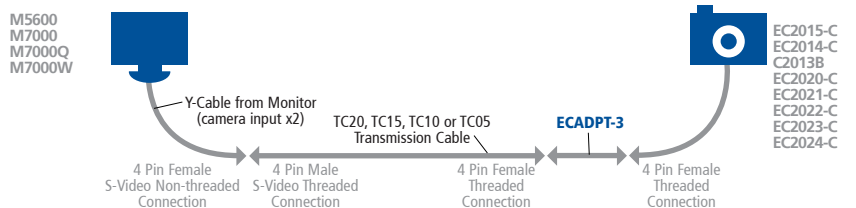
ECADPT-1



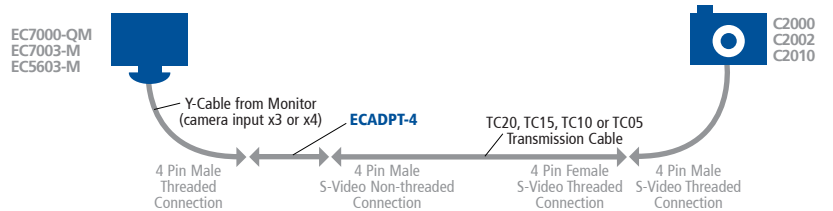
ECADPT-2



ECADPT-3



ECADPT-4





part number index

ALARMS	PART #	PAGE #	dB(A)	VDC	TECHNOLOGY
	210	16	97	12	Fixed dB
	450	14	112	12-36	Fixed dB
	505	12	87	12-24	Fixed dB
	510	12	97	12	Fixed dB
	520	12	97	12-24	Fixed dB
	530	12	102	12-24	Fixed dB
	575	12	107	12-24	Fixed dB
	585	12	97	12-48	Fixed dB
	610N	14	97	12-36	Fixed dB
	630N	14	107	12-36	Fixed dB
	777	16	97/107/112	12-24	Switchable
	830N	15	107	12-36	Fixed dB
	840N	15	97/112	12-36	Switchable
	850N	15	112	12-36	Fixed dB
	876N	15	112	12-36	Fixed dB
	201120	17	80	12-48	PIEZO
	202120	17	80	12-48	PIEZO
	204120	17	80	12-48	PIEZO
	208120	17	86	12-36	PIEZO
	209120-E	17	80	12-48	PIEZO
	CT530-2LDW	17	102	12-24	Constant Tone
	DF532	17	102 back-up/102 dual tone	12-24	Dual Function
	DS-1500	17	-	12-24	Drive Line Sensor
	DT500	17	97	12-24	Dual Tone
	DT500FP-LWC	17	102	12-24	Fixed
	EA5050	11	87	12-24	Fixed
	EA5200	11	97	12-24	MFA
	EA6100	11	97	12-24	MFA
	EA7020	11	102	12-24	MFA
	EA7070	11	107	12-24	MFA
	EA9070	9 & 11	87-107	12-24	Smart MFA
	EA9724	9 & 11	77-97	12-24	Smart MFA
	EA9780	9 & 11	77-97	36-80	Smart MFA
	FH575	17	107	12	Forward Horn
	FH577	17	107	24-48	Forward Horn
	SA901N	9 & 15	82-107	12-24	Smart
	SA907N	9 & 15	82-107	12-24	Smart
	SA914N	9 & 15	87-112	12-24	Smart
	SA917N	9	87-112	12-24	Smart
	SA920	9 & 16	97-112	12-24	Smart
	SA931N	9	82-102	12-48	Smart



part number index

ALARMS	PART #	PAGE #	dB(A)	VDC	TECHNOLOGY
	SA940	9 & 14	87-112	12-24	Smart
	SA950	9 & 12	82-102	12-24	Smart
	SA951	9 & 12	77-97	12-48	Smart
	SA955	9 & 16	82-102	12-24	Smart
	SW10	17	-	12-24	360°
	SW15	17	-	12-80	360°
	SW30	17	-	12-80	Single Direction
CAMERA KITS	PART #	PAGE #	WIRELESS	SCREEN SIZE	MAX # CAMERAS
	EC4200-K	25	-	4.3" Mirror	2
	EC4204-SK	25	-	4.3" Mirror	2
	EC4210-K NEW	27	-	4.3" Mirror	2
	EC5000B-K NEW	27	-	5.0"	3
	EC5603-K	24	-	5.6"	3
	EC5604-SK	24	-	5.6"	3 + Sensors
	EC5605-WK	21	Yes	5.6"	4
	EC7000-QK	22	-	7.0" Quad View	4
	EC7003-K	23	-	7.0"	3
	EC7004-SK	23	-	7.0"	3 + Sensors
	EC7008-WK NEW	20	Yes	7.0" Quad View	4
	K7000B	26	-	7.0"	2

On our website you can discover more accessory lighting.