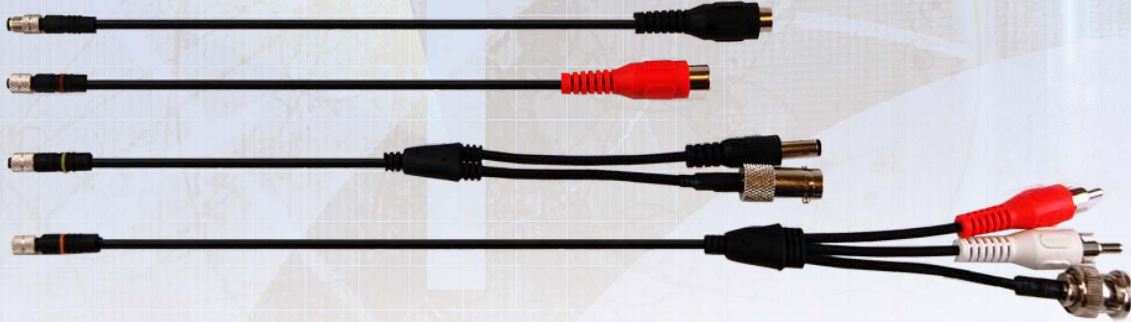




i-Conex miniature, easy to install, Inter-Connection and Cabling System

- i-Conex makes installing and wiring Ovation video surveillance products simple and effective.
- Interfaces to commonly used video, audio and power connectors.
- Any cable can be extended with simple to install in-line extension cables.
- Range of i-Conex peripherals including miniature cameras, microphones and GPS receivers.

i-Conex is the new cabling systems developed by Ovation Systems, specially designed to make the installation and wiring of Ovation's range of digital video recorders and video surveillance products simple and effective.

The heart of the system is a miniature 4 pin watertight screw-locking connector with a range of cable assemblies which interface to many commonly used video, audio and power connectors. One of the huge advantages of the i-Conex system is that any cable can be easily extended by a simple to install in-line extension. This allows the cable lengths to be easily tailored for each and every installation, on-site, without the need to use a soldering iron, wire cutters etc. There is a range of i-Conex compatible peripherals including microphones, bullet cameras and GPS receivers.



Example i-Conex cable assemblies fitted to Ovation's FlashBack-3C digital video recorder



i-Conex cable-end connector



Looking into connector



i-Conex is available for the following products:



**FlashBack-3C Dual
DVR/Video Streamer**



**FlashBack-3C Single
DVR/Video Streamer**



**micro-FourSight-C
Advanced Video Quad**



**FlashBack-2C Pod
Rugged DVR**



**SoundByte High Quality Covert
Audio Recorder**



**FlashBack-3G DVR, Video Streamer
and GPS Tracker**

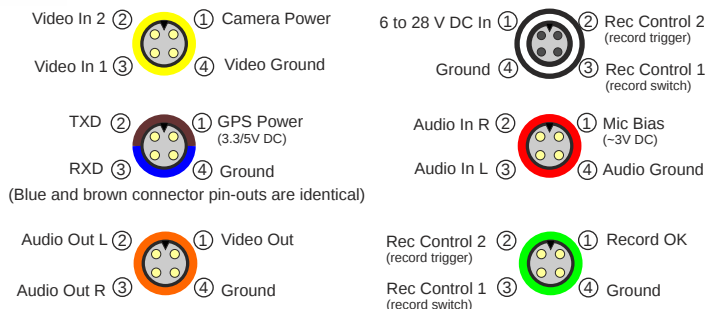


**FlashBack4: 4xSD or 1x HD
SD Card DVR**

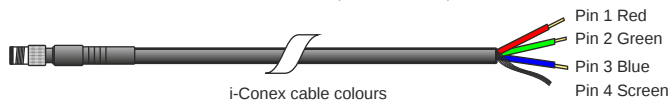
i-Conex Colour Codes & Pinouts:

i-Conex connectors and cable assemblies are colour coded for each function as shown below. Cables should not be interconnected with other functions eg. audio into video, although damage will not result. Pinouts are shown opposite.

- No colour: DC power / trigger inputs
- Video + camera power
- RS232 / GPS
- Stereo Audio In + mic bias
- Record control / trigger
- Ethernet
- Video & audio monitor out



As looking into the i-Conex connectors on the rear of a unit (not cable ends)



**i-Conex Colour Bullet Cam
(with FlashBack-3C Single)**



i-Conex GPS Receiver

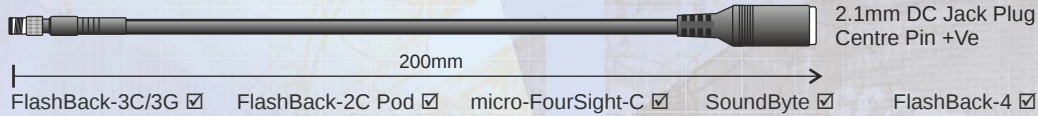


**i-Conex Knowles
microphone pair**



Power: cables to supply DC power

IC1C-5642: Power DC Jack:



IC1C-5645: Power 1.5m Cable:



Control: external triggering of Ovation recorders

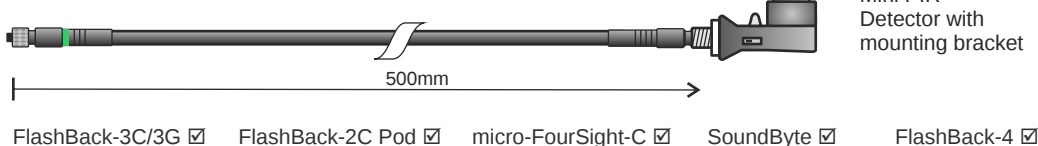
IC1C-5646: Record Control Cable:



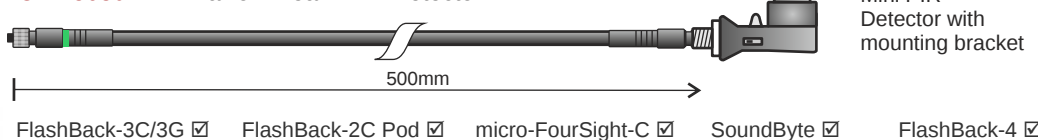
IC1A-5647: Record Push Switch with LED:



IC1A-5682: Mini Wide-Beam PIR Detector:



IC1A-5680: Mini Narrow-Beam PIR Detector:



* Additional IC1C-5653 splitter cable maybe required with some installations.



Audio Video interface cables:

IC1C-5654: Video in:



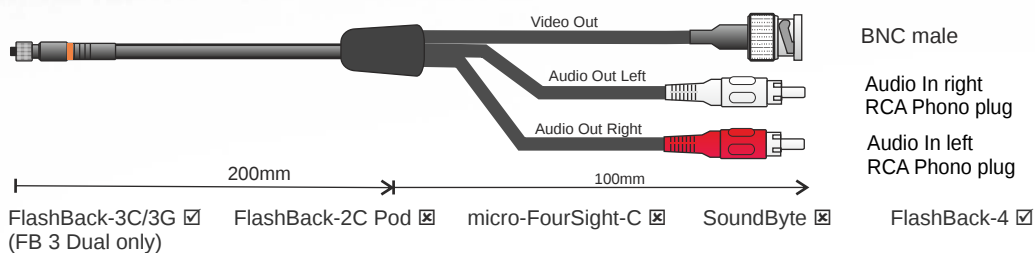
IC1C-5655: Video in & camera power out:



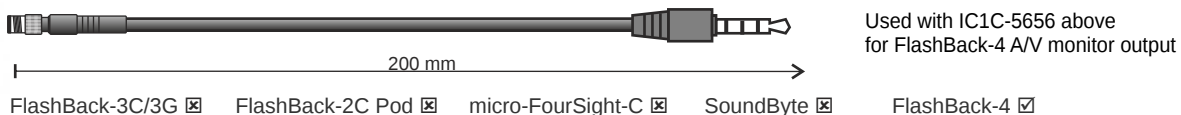
IC1C-5657: Audio in pair: (can be used for video when required)



IC1C-5656: Video & audio monitor out

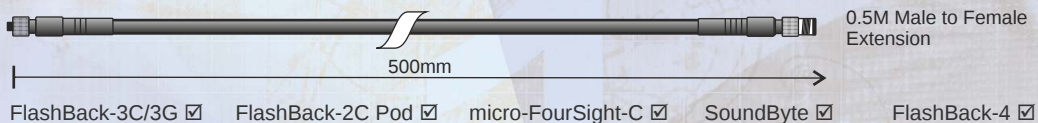


IC1C-55924: 4 pole A/V monitor output jack to inline i-Conex



Extensions: cables to extend any i-Connex connection

IC1C-5680: Short Extension 0.5M:



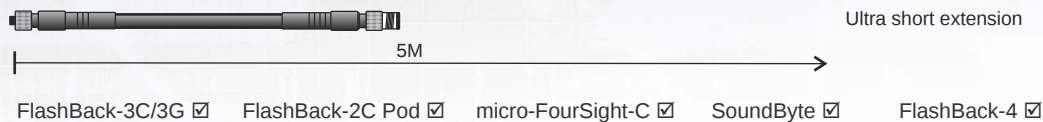
IC1C-5651: Medium Extension 1.0M:



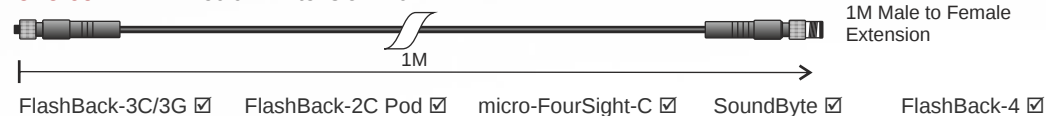
IC1C-5652: Long Extension 5.0M:



IC1C-5873: Ultras-Short Extension 40mm:



IC1C-5872: Thin Medium Extension 1.0m:



Dust Caps & Lanyards: for protecting unused i-Conex inputs



IC1A-5861: Plug Dust Cap



IC1A-5883: 4 Way Dust Cap Lanyard



IC1A-5862: Power Socket Dust Cap



IC1A-5884: 7 Way Dust Cap Lanyard

FlashBack-3C/3G ✓ FlashBack-2C Pod ✓ micro-FourSight-C ✓ SoundByte ✓ FlashBack-4 ✓



Splitters: add extra capability to an i-Conex input

IC1C-5653: Splitter Cable:



IC1C-5874: Thin Splitter Cable:

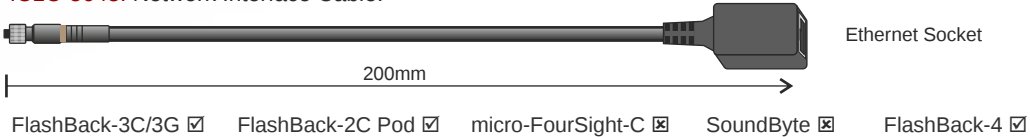


IC1C-5875: Thin Power Cable Splitter:

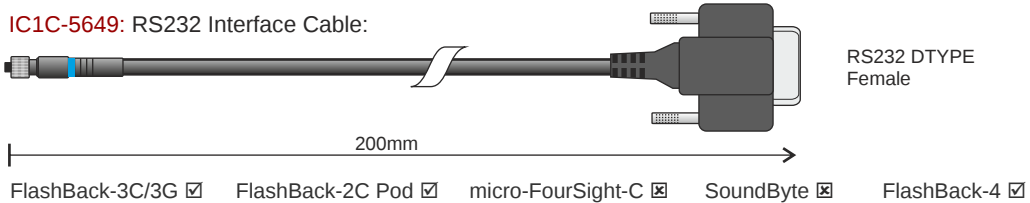


Interface Cables

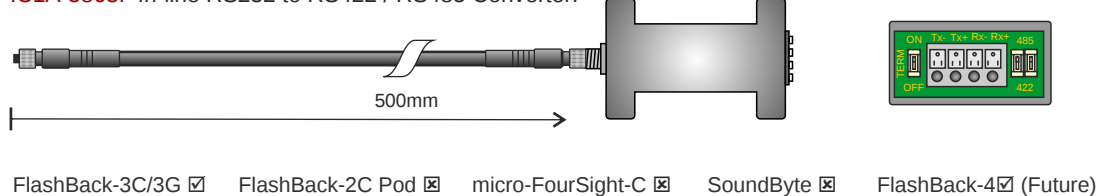
IC1C-5648: Network Interface Cable:



IC1C-5649: RS232 Interface Cable:

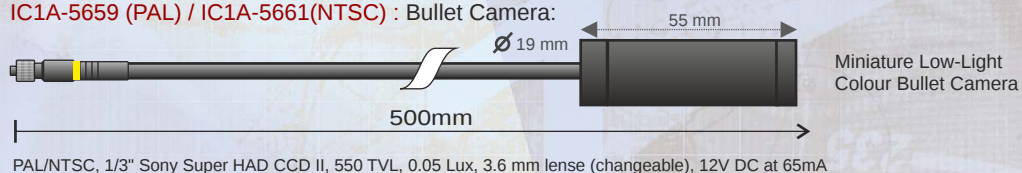


IC1A-5863: In-line RS232 to RS422 / RS485 Converter:



Peripherals

IC1A-5659 (PAL) / IC1A-5661(NTSC) : Bullet Camera:



PAL/NTSC, 1/3" Sony Super HAD CCD II, 550 TVL, 0.05 Lux, 3.6 mm lense (changeable), 12V DC at 65mA

FlashBack-3C/3G ☒ FlashBack-2C Pod ☒ micro-FourSight-C ☒ SoundByte ☒ FlashBack-4 ☒

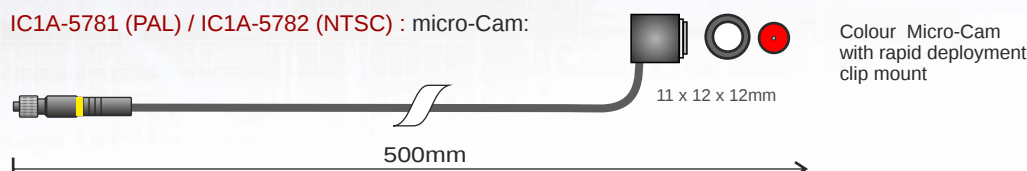
IC1A-5662 (PAL) / IC1A-5663 (NTSC) : Square Camera:



PAL/NTSC, 1/3" Sony Super HAD CCD II, 550 TVL, 0.05 Lux, 3.6 mm lense (changeable), 12V DC at 65mA

FlashBack-3C/3G ☒ FlashBack-2C Pod ☒ micro-FourSight-C ☒ SoundByte ☒ FlashBack-4 ☒

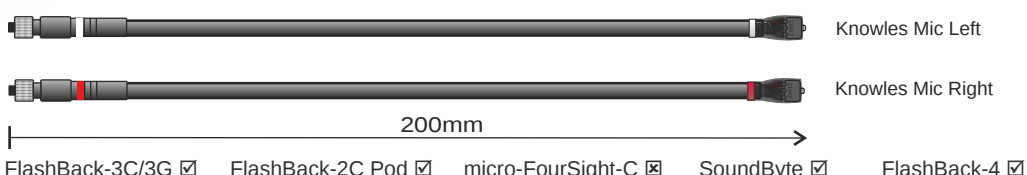
IC1A-5781 (PAL) / IC1A-5782 (NTSC) : micro-Cam:



PAL/NTSC, CMOS, 450TVL, 0.008 Lux, 5V DC at 70mA

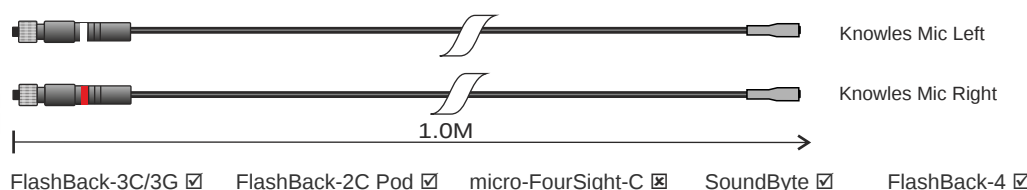
FlashBack-3C/3G ☒ FlashBack-2C Pod ☒ micro-FourSight-C ☒ SoundByte ☒ FlashBack-4 ☒

IC1A-5664: External Knowles Microphone (pair):



FlashBack-3C/3G ☒ FlashBack-2C Pod ☒ micro-FourSight-C ☒ SoundByte ☒ FlashBack-4 ☒

IC1A-5865: Thin Cable External Knowles Microphone (1.0M):



FlashBack-3C/3G ☒ FlashBack-2C Pod ☒ micro-FourSight-C ☒ SoundByte ☒ FlashBack-4 ☒

IC1A-5667: GPS Antenna / Receiver:



FlashBack-3C/3G ☒ FlashBack-2C Pod ☒ micro-FourSight-C ☒ SoundByte ☒ FlashBack-4 ☒

Please note: Ovation Systems reserves the right to change specifications without notice. E&OE



Ovation Systems Ltd
Springfield Barn
London Road
Milton Common
Oxfordshire · OX9 2JY · UK

tel: +44 (0) 1844 279 638
fax: +44 (0) 1844 279 071
email: sales@ovation.co.uk
web: www.ovation.co.uk



FM 584880