PRODUCT KITS
2022

BROAD CAST'IN

GOAL CAMERA
KIT

Are you looking to get an easy system to install in your goals?

Our GOAL Camera kit comes with 2 x Dream Chip ATOM one cameras that can be controlled over IP from OB van or the MCR.

The kit also comes with the best wide angle 5mm lens on the market and lens motors to control IRIS and focus from the RCP. It all ships inside two very nice, fully equipped flightcases.

- Easy to install

- Multiple adjustments

- HDR (HLG, PQ and Slog3)

- Best POV HD camera

- Multiple cameras fully controllable by a single RCP

- Wide angle (5mm / 97°)

- Focus and Iris control

- Can match any camera thanks to its integrated Multimatrix

- Fiber converters (SDI and Ethernet) over LC fibers included

- Delivered in flightcases.

GOAL CAMERA KIT

Cameras:

Dream Chip ATOM one
Global shutter, genlock*, 2 SDI
up to 1080p60

- 32x32x71mm
- 100 gr
- 6-36 volts
- 3.4W@12V
- Passive cooling
- 12 bits 4:2:2
- HDR (HLG/PQ/Slog3)
- Rec 709 or BT2020
- Genlock Tri-level
- Temperature range:
  -10°C / +50°C
- Low latency SDI camera

Lenses:

- Wide angle lenses
  with motors for the Iris
  and the focus.
- 5mm (97°)
- 10 Megapixels.
- Iris range : 1.8 - 16
- 48x59,4mm
- 120 gr
- Temperature range:
  -10°C / +50°C

RCP:

- Universal RCP (licence for
  2 cameras control)
- Supplied with 2 x CI0 that in-
  terfaces the camera in RS485
  over an IP network
- PoE powered or through
  9-24 volts jack input
- Optional frame

Fiber converters:

- Tidy from LanSee
- 1 x 3G + switch ethernet
  2 ports 10/100/1000 mbps
- Optical fiber connector for
  DUAL LC cable
- Integrated 100-230V
  AC/DC converter

Control:

- SDR & HDR (HLG/PQ/Slog3)
- Color Space : Rec 709 or
  BT 2020
- Black pedestal (Red & Blue
  adjustements), White gains
  (Red & Blue adjustements)
- Master black
- Auto white balance
- Auto exposure / Auto Gain
- Gain

- Shutter
- Multi-Matrix
  (up to 12 vectors)
- Knee
- Whiteclip
- Detail & Denoise filters
- Scene load/save (10 slots)
- Iris and focus control

Kit contains:

- 2 x ATOM one camera
- 2 x lens motors (Iris + Focus)
- 2 x 5mm lens
- 2 x 5 meters control cable
- 2 x Goal camera enclosure
- 1 x Universal RCP
- 2 x Camera interface
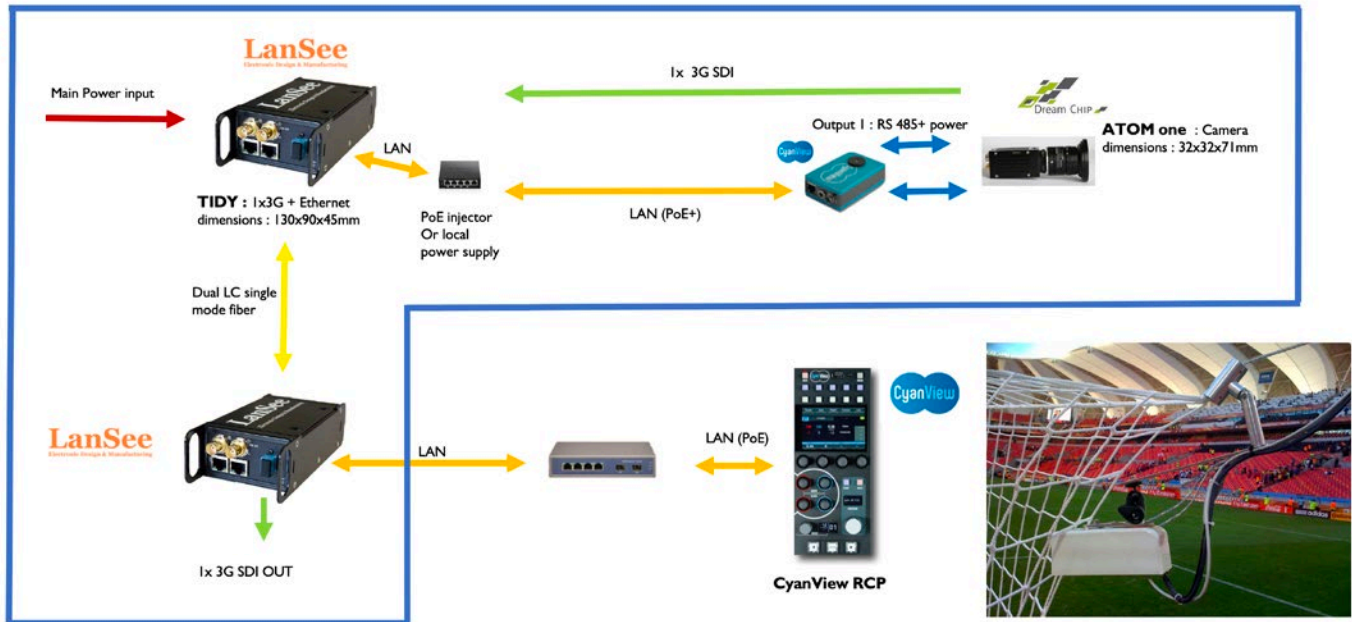- 2 x Flightcases.

* Not with this fiber configuration

BROAD CAST'IN

GOAL CAMERA KIT

WORKFLOW
DREAM CHIP GOAL CAMERA

STARTER SSM500
KIT

The starter SSM500 kit comes with 2 fiber converters that houses 2 SDI (Live + replay) and ethernet connectors to drive all the features of the Dream Chip ATOM one SSM500 over simple fiber optical cable.

- Best smallest High speed HD camera
- HDR (HLG, PQ and Slog3)
- Up to 60 seconds at 500 FPS
- Live output always available
- Replay on separate SDI
- Multiple camera fully controllable by a single RCP
- Wide angle (3.7mm / 113°)

- Focus and Iris control
- Can match any camera thanks to its integrated Multimatrix
- Fiber converters (SDI and Ethernet) over LC fibers included
- Slow motion remotes provided
- Delivered in flightcases.

TECHNICAL DESCRIPTION

Cameras:

Dream Chip ATOM one SSM500: Global shutter, genlock*, 2 SDI up to 1080p60

- **C-mount:** - 60X60X165mm
  - 900 gr
- **B4 mount:** - 92x80x244mm
  - 1700 gr
- 12-36 volts
- 25W@12V
- Active cooling
- 10 bits 4:2:2
- HDR (HLG/PQ/Slog3)
- Rec 709 or BT2020
- Low latency SDI camera
- Tri-level genlock

Lenses:

- Any B4 lens with digital control
- Or C-mount Wide angle (3.7mm / 113°)

RCP:

- Universal RCP (licence for unlimited camera control)
- Supplied with 1 x CI0 that interfaces the camera in RS485 over an IP network

- PoE powered or through 9-24 volts jack input
- Optional frame

Fiber converters:

- Tidy from LanSee
- 2 x 3G + switch ethernet 2 ports 10/100/1000 mbps
- Optical fiber connector for DUAL LC cable
- Integrated 100-230V AC/DC converter

Control:

- SDR & HDR (HLG/PQ/Slog3)
- Color Space : Rec 709 or BT 2020
- Black pedestal (Red & Blue adjustements), White gains (Red & Blue adjustements)
- Master black
- Auto white balance
- Auto exposure / Auto Gain
- Gain
- Shutter
- Multi-Matrix (up to 12 vectors)
- Knee
- Whiteclip
- Detail & Denoise filters

- Scene load/save (10 slots)
- Iris and focus control
- Full slowmotion control with Streamdeck and Shuttle pro (supplied)

Kit contains:

- 1 x ATOM one SSM500 C-mount or B4 mount camera
- 1 x lens motors (Iris + Focus) for the c-mount version
- 1 x 3,7 mm lens
- 1 x 5 meters control cable
- 1 x Universal RCP
- 1 x Camera interface
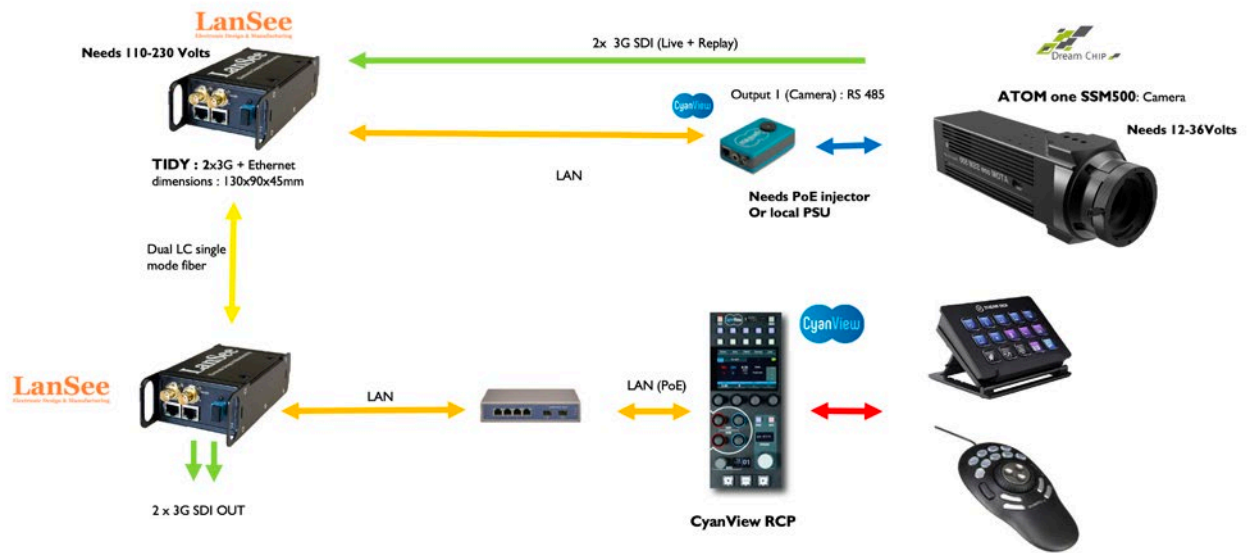- 1 x Flightcases
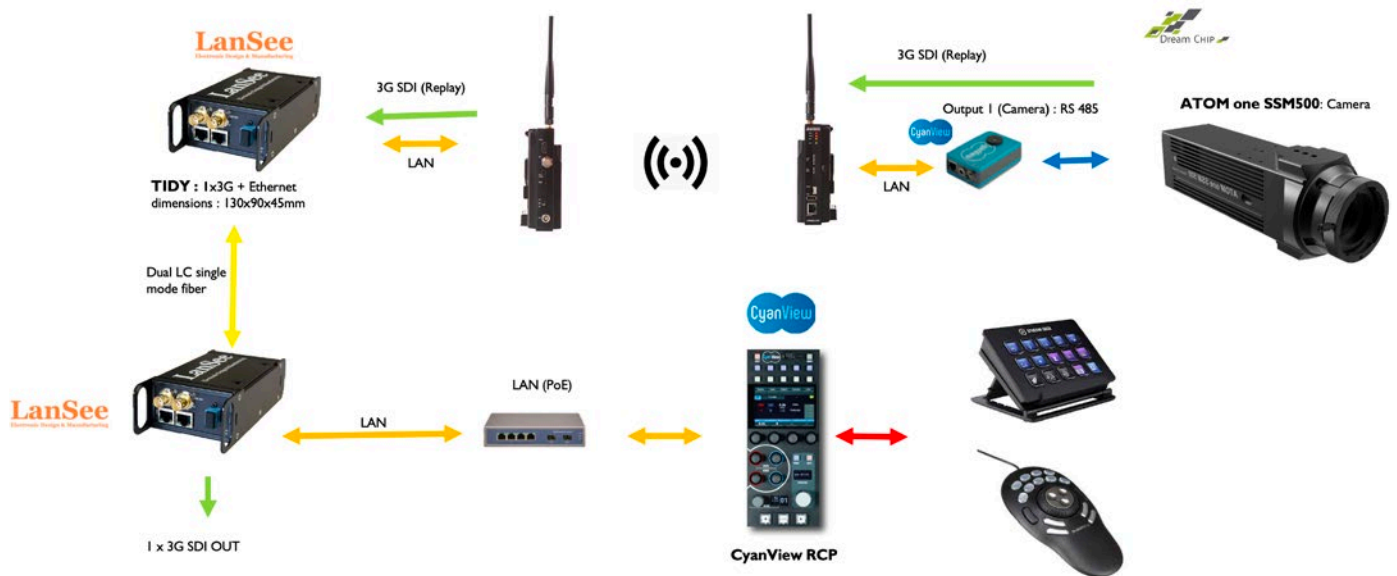- 2 x slow motion controllers

* Not with this fiber configuration

BROAD CAST'IN

STARTER SSM500 KIT

NORMAL WORKFLOW
DREAM CHIP ATOM ONE SSM500 / CYANVIEW

WIRELESS WORKFLOW
DREAM CHIP ATOM ONE SSM500 / CYANVIEW

TURNKEY SSM500
KIT

This turnkey SSM500 kit is a state of the art slow motion camera package that includes a camera base station with all the required signal connectors for any broadcast applications.

A CCU that will interconnect with all the OB van equipment and a full CyanView solution on IP makes this the ideal complete bundle.

Lemo SMPTE (Power) + RCP + Slow motion Control + Live Output + Slow motion Output is all you need in a single package.

- Turnkey solution
- Best smallest High speed HD camera
- HDR (HLG, PQ and Slog3)
- Up to 60 seconds at 500 FPS
- Live output always available
- Replay on separate SDI or SSM mode 4X
- Genlock

- Audio Intercom
- Video return (Live/replay or Program)
- Multiple camera fully controllable by a single RCP
- C-mount Wide angle (3.7mm / 113°) or B4 mount
- Focus and Iris control
- Can match any camera thanks to its integrated Multimatrix
- SMPTE Lemo Fiber converters.

TURNKEY SSM500 KIT

TECHNICAL DESCRIPTION

Cameras:

Dream Chip ATOM one SSM500:
Global shutter, genlock,
up to 1080p60

- **C-mount:** - 60X60X165mm
  - 900 gr

- **B4 mount:** - 92x80x244mm
  - 1700 gr

- 12-36 volts
- 25W@12V
- Active cooling
- 10 bits 4:2:2
- HDR (HLG/PQ/Slog3)
- Rec 709 or BT2020
- Low latency SDI camera
- Tri-level genlock

Lenses:

- Any B4 lens with digital control
- Or C-mount Wide angle (3.7mm / 113°)

RCP:

- Universal RCP (licence for unlimited camera control)
- Supplied with 1 x CI0 that interfaces the camera in RS485 over an IP network
- PoE powered or through 9-24 volts jack input

- Optional frame
- One Cy-NIO to interface the slow motion remotes (stream deck + Shuttle pro)

Fiber converters:

- **CCU:**
  - Rack Base Unit 1U 19" 200mm. – Power supply 110-240VAC 50/ 60Hz
  - 4x 3G SDI OUT (BNC) + 1x 3G SDI IN (BNC)
  - 1x Genlock IN (BNC)
  - Ethernet 10/ 100/ 1000 Mb/s (RJ45) - 2 ports
  - 1x analog symmetrical audio IN (XLR3F) - Max +20dB
  - 1x analog symmetrical audio OUT (XLR3M) - Max +20dB
  - 1x Lemo Hybrid fiber (canare connectors)

- **Camera base:**
  - 150x120x90mm black case
  - 4x 3G SDI IN (BNC)
  - 1x 3G SDI OUT (BNC) - Video return (switch between Live/replay/program)
  - 1x Genlock OUT (BNC)
  - 1x Ethernet 10/ 100/ 1000 Mb/ s (RJ45) - POE+ (802.3at)
  - 1x analog symmetrical audio IN (XLR3F) - Max +20dB

  - 1x analog symmetrical audio OUT (XLR3M) - Max +20dB
  - 1x Lemo Hybrid fiber (canare connectors)
  - Power IN : Fibre (48V) + XLR4F IN
  - Power OUT : 12VDC OUT (XLR4F)

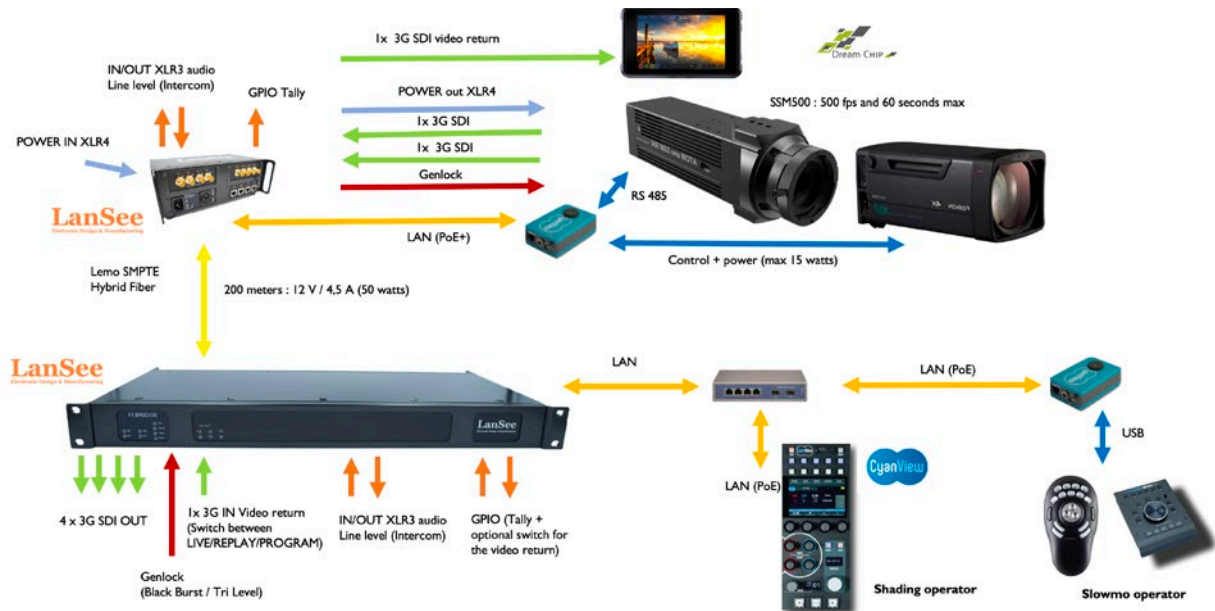- **Maximum Power:**
  - 50 watts at 200 meters

Control:

- SDR & HDR (HLG/PQ/Slog3)
- Color Space : Rec 709 or BT 2020
- Black pedestal (Red & Blue adjustements), White gains (Red & Blue adjustements).
- Master black
- Auto white balance
- Auto exposure / Auto Gain
- Gain
- Shutter
- Multi-Matrix (up to 12 vectors)
- Knee
- Whiteclip
- Detail&Denoise filters
- Scene load/save (10 slots)
- Iris and focus control
- Full slowmotion control with Streamdeck and Shuttle pro (supplied).
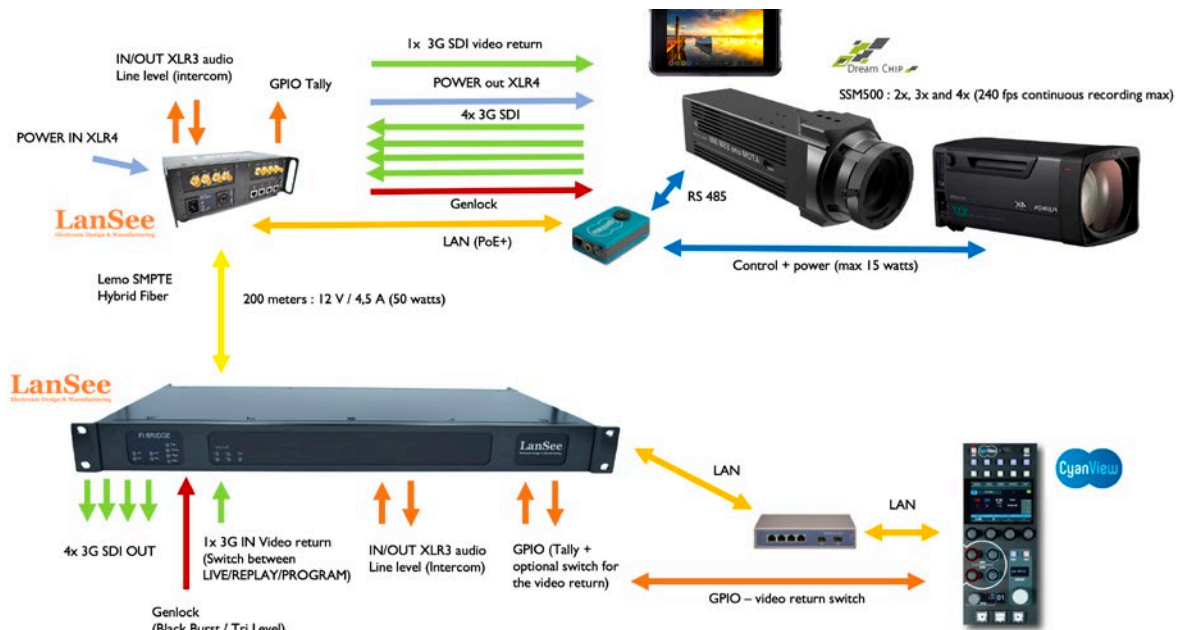
TURNKEY SSM500 KIT

WORKFLOW 1
DREAM CHIP ATOM ONE SSM500 –TRIGGER MODE

WORKFLOW 2
DREAM CHIP ATOM ONE SSM500 – SSM MODE

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