



DIGITAL LIGHTHOUSE

It is an Entertainment & Media House specialized in design and realization of high-quality technical items and artistic solutions for the Cultural and Creative Industry. Digital Lighthouse is the space where technological innovation and creative inspiration coexist harmoniously thanks to the skills and talent of professionals who study new solutions to inform, entertain and thrill the audience.

Established as a benchmark at international level in the fields of Cinema, TV & Broadcast, Cultural Heritage, Games & Apps, Music and Events, Digital Lighthouse realizes audio-visual products, virtual reconstructions, digital visual effects, animated graphics, software applications and sound production. Nowadays Digital Lighthouse consists of a structure including sound stages equipped with the latest technologies available on

the market and 900 square meters of offices and laboratories dedicated to video editing, color, sound recording and mixing, computer graphics and multimedia products development. In our departments, 3D & digital artists, designers, programmers, engineers, experts in cultural heritage, technicians and operators develop contents and products designed on customer needs with the use of advanced instrumentation and innovative work methods.

Digital Lighthouse is the result of a research and development project in the field of 3D computer graphics promoted by Geocart S.p.A., an engineering Company at the forefront in the fields of terrestrial and airborne remote sensing, aerospace technologies, ICT and multidisciplinary design.

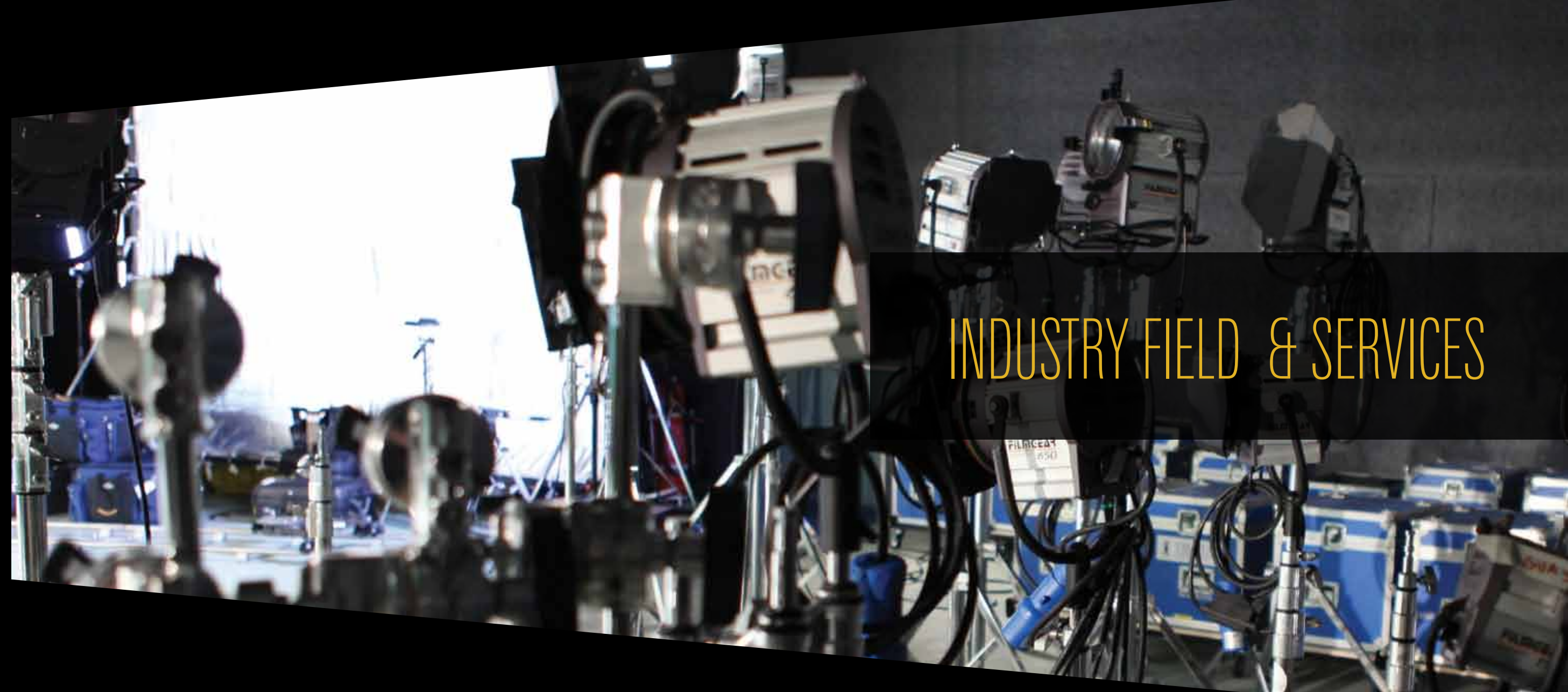


THE HOUSE OF
ENTERTAINMENT & MEDIA

CINEMA, TV & BROADCAST

Digital Lighthouse is a benchmark for the realization of products for movies, broadcast and any kind of audiovisual and digital visual effects production. Thanks to its own sound stages, equipment and technologies, the Company covers internally the entire production process till the realization of the final product ready to be distributed in cinemas, TV and new media.

- Sound Stages
- Development & Pre-Production Services
- Production Rentals & Services
- Post-Production Services
- Visual Effects & Computer Graphics
- Commercial and Video Production, TV Format, Sport and Events
- Rental Service



INDUSTRY FIELD & SERVICES

CULTURAL HERITAGE

The developed solutions offer a new model for the valorization of cultural heritage, with which the end-user is actively involved in the recreation experience. The offered services provide the technical data with which it is possible to reconstruct, through accurate 3D models, the historical and cultural heritage both to design conservation or restoration interventions, and to implement energy saving projects. Moreover, the Company carries on interactive cultural projects for schools and training institutions.

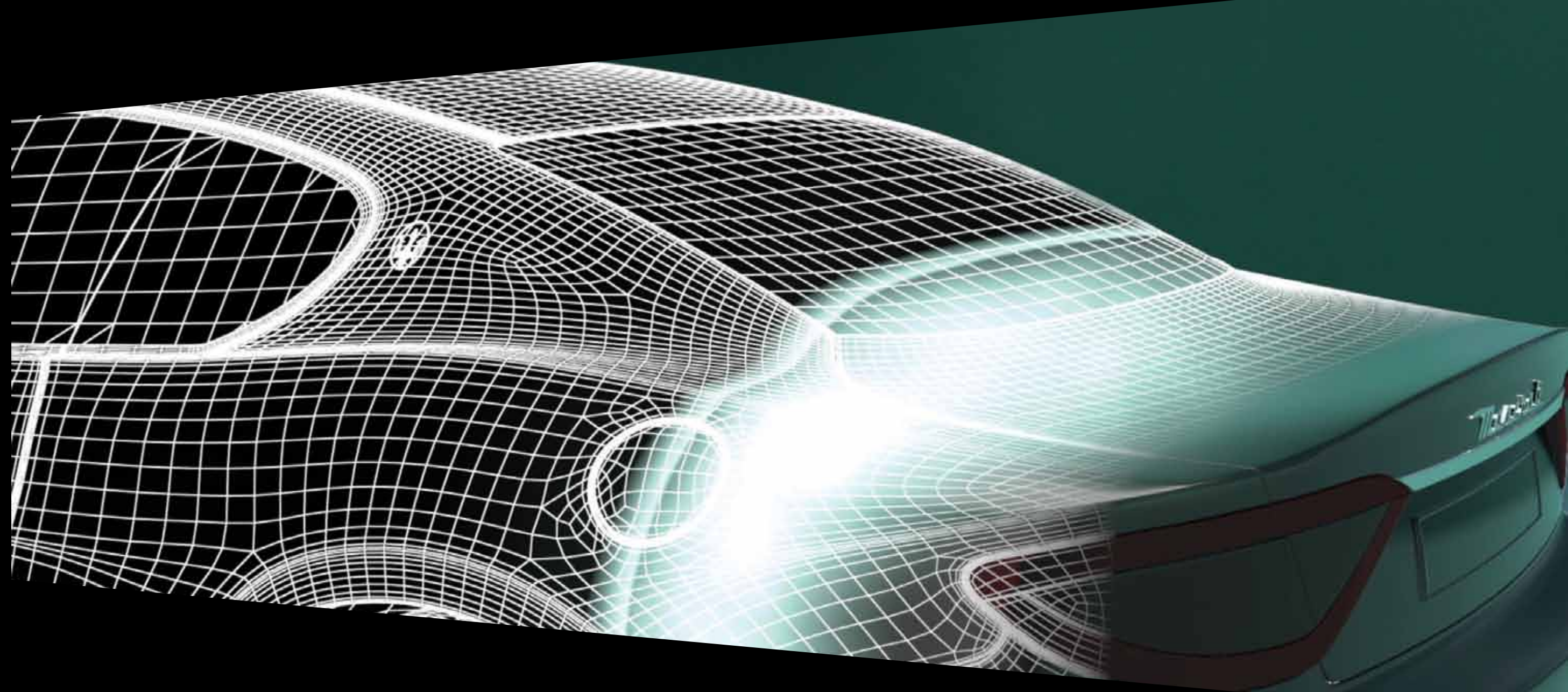
- Digitization
- Virtual Reconstructions
- Multimedia Library
- Immersive Virtual Reality
- Augmented Reality
- Video Mapping
- Lidar Scanning & Mapping



GAMES & APPS

Faithful virtual reconstructions of real environments, interactive simulations, augmented and immersive reality experiences, software and mobile applications. These solutions are the result of continuous research of innovative products and services based on a new gaming conception. Using data from sensors and advanced technologies in remote sensing, Digital Lighthouse pursues continuous improvement of the existing reconstruction and 3D modeling techniques and it constantly develops new ones.

- Computer Graphics
- Virtual Set
- Immersive Virtual Reality
- Augmented Reality
- Mobile Application



MUSIC

Digital Lighthouse aims to become a meeting point between the largest international music tradition and the new development and production trends, through its advanced infrastructure and latest generation technologies.

In special designed spaces, services of sound registration, mixing and editing are integrated with a target supervision of artists and the management of processes designed for music and audio-visual productions for various market applications.

- Recording & Mixing
- Mastering
- Videoclip Production





THE STUDIOS



APPLE WORKSTATION

- 02 Mac Pro 12-core 2,7 GHz 64 GB ram FCPX
- 01 Mac Pro 8-core 64 GB ram FCP Studio
- 02 Sonnet xMac Pro Server
- 01 iMac 5K 32 GB ram
- 02 RAID PROMISE Pegasus2 R8 da 32TB
- 06 Apple Thunderbolt Display 27"

MONITORING

- 01 TV-Logic LVM-245W
- 01 TV-Logic LVM-246W
- 02 Panasonic 4K 50"
- 02 Panasonic Full HD 3D 50"
- 05 Monitor SmartView 4K
- 04 Mini Converter – SDI to HDMI 4K
- 02 Blackmagic SmartView Duo
- 03 Blackmagic SmartScope Duo 4K

COLOR CORRECTION

- Consolle Color DaVinci/Resolve 12 Full

AJA INTERFACES

- 01 Aja IO HD
- 02 Aja Pak Dock

BLACKMAGIC INTERFACES

- 02 MultiView 16
- 01 Smart Videohub 40x40
- 01 Smart Videohub 20x20
- 01 Teranex Express
- 01 Teranex 3D Processor
- 03 UltraStudio2 4K
- 02 Multi Dock 2

- 02 HyperDeck Studio Pro 2
- 01 OpenGear 20 Slot Frame
- 03 OpenGear Converter – SDI Distribution
- 02 Converter – Audio to SDI

AUDIO

- Avid C24 HDX Pro Tools Studio System
- 01 Mac Pro 12 core 2,7 GHz 32 GB ram
- 01 Sonnet xMac Pro Server
- 01 Genelec 8320A Stereo Bundle GLM2.0+Remote
- 01 Genelec 8330A Stereo Bundle GLM2.0+Remote
- Bundle 5.1 Genelec Compact SAM:
 - 01 Genelec 8330A Stereo Bundle Pack
 - 01 Genelec 8330A
 - 01 Genelec 7350A Subwoofer

POST PRODUCTION
& COLOR CORRECTION



DIGITAL CINE CAMERAS

- 02 Arri D21 + Odissey 7Q+ recorder
- 02 AJA CION 4K camcorder
- 02 Blackmagic 4K camcorder
- 01 Arri Alexa Plus PL + Gemini Arriraw
- 01 Red Epic PL Mount
- 02 Canon EOS 5DS R
- 01 Sony a7sii

BROADCAST CAMCORDER

- 02 Sony PDW 700 (full standard capability)
- 03 Sony HDW 730 HD Cam
- 02 Sony HDW 750 HD Cam
- 02 Panasonic HDX 900 Varicam
- 04 Panasonic HPX 500

Follow focus, Matte box Chrosziel and filters for all camera kits

CINE STYLE LENSES

- Zeiss Master zoom 16,5 – 110 PL mount
- Cooke 20 – 100
- Zeiss CP 2 PL mount full series:
 - 01 Zeiss Compact Prime 15mm T:2.9 lens
 - 01 Zeiss Compact Prime 25mm T:2.1 lens
 - 01 Zeiss Compact Prime 35mm T:2.1 lens
 - 01 Zeiss Compact Prime 50mm T:2.1 lens
 - 01 Zeiss Compact Prime 85mm T:2.1 lens
 - 01 Zeiss Compact Prime 100mm T:2.1 lens
 - 01 Zeiss Compact Prime 135mm T:2.1 lens
- 01 Zeiss Sonnar 300/ f 4 + doubler B4 mount
- 01 Zeiss Flektogon 50/f 4
- 01 Zeiss Biometar 80/f 2,8
- 01 Zeiss Sonnar 180/ f 2,8
- 01 Canon FD 300 f2,8
- 01 Canon FD 150 P 600 f5,6
- 01 Canon 24/70mm F:2.8
- 01 Canon 100/400mm F:4.5
- 01 Samyang 14mm T:3.1
- 01 Samyang 24mm T:1.5

- 01 Samyang 35mm T:1.5
- 01 Samyang 85mm T:1.5
- 01 Samyang 135mm T:2.2

Lens Baby Optics:

- 01 Lens Baby Macro Converter
- 01 Lens Baby Double Glass Optic
- 01 Lens Baby Edge 80 Optic
- 01 Lens Baby Composer Pro
- 01 Lens Baby Single Glass Optic
- 01 Lens Baby Plastic Optic
- 01 Lens Baby 0,42x Super Wide Angle
- 01 Lens Baby Pinhole/Zone Plate
- 01 Metabones Cine PL to E-Mount
- 01 Metabones Cine EF to E-Mount
- 01 Metabones Cine EF to PL

BROADCAST LENSES

- 03 Canon HJ 17 x 7,6 birs
- 02 Canon HJ 16 x 7,7 birs
- 02 Canon HJ 21 x 7,5 birs
- 02 Fujinon HA 18 x 7,6 berm
- 02 Fujinon HA 14 x 4,5 berm

EQUIPMENT



- 01 Canon J 20 x 8 birs
- 01 Canon J 14 x 8,5 birs
- 01 Canon J 18 x 9 birs
- 01 Canon J 12 x 6,5 birs
- 01 Fujinon A 10 x 4,8 berm
- Special lens accessories:
 - 01 Rain deflectors Spintec (motorized lens)
 - 01 Canon 2 x extender
- 01 DJI Remote Focus
- Tele lens:
 - Additional + 1 + 2 lens
- Follow focus accessories:
 - Fluid zoom damper
 - Long lens support
 - Edge base plate (Cheese plate)
- Remote:
 - Canon zoom and focus remote
 - Fuji zoom and focus remote

Matte box Chrosziel and filters for all camera kits

GRIP EQUIPMENT

- Sachtler:
 - 02 video 25
 - 03 video 20
 - 05 video 18
 - 02 video 14
- Cartoni:
 - 02 Master MK2
 - 02 Gamma
 - 02 Focus 18
- 02 bazooka series
- 02 star base
- 02 basket 150 mm
- 02 basket 100 mm
- 02 hi hat 150/100 mm
- Minijib Cartoni
- 01 Ronin Movie Cam fullkit
- Dolly:
 - 01 Go kart dolly
 - 01 Hague dolly
 - 20 mt straight track

- 01 Full circle track diam. 4,5 mt.
- 01 Spider dolly 12mt/12 mt straight track
- Butterfly:
 - Butterfly frame 6 x 6 mt
 - Butterfly frame 4 x 4 mt
- Grips:
 - 30 magic arms
 - 50 crocodile clamps
 - 10 Wind up stands
 - 10 heavy stands
 - 30 small stands
 - 30 flag arms
 - 04 Apple box series
 - 50 Pan cake
 - 40 Sand bags

LIGHTING EQUIPMENT

- 06 HMI 1200 fresnel
- 06 HMI 575 fresnel
- 10 2K fresnel
- 10 1K fresnel

- 10 650w fresnel
- 10 150w fresnel
- 06 Kino flo 120 x 4 (daylight and tungsten bulbs)
- 06 Kino flo 60 x 4 (daylight and tungsten bulbs)
- 08 2kw Space light

PORTABLE LIGHT KITS

- 10 HMI 200w open face
- 05 650w fresnel
- 05 300w fresnel
- 06 150w fresnel
- 03 Dedolight
- 04 1 x 1 light panel

AUDIO ON LOCATION EQUIPMENT

- 04 SQN 4s audio mixer
- 02 SQN 2s audio mixer
- 02 Sound Device 552 audio mixer recorder
- 10 Lectrosonics UHF radio mike
- 10 Sennheiser UHF radio mike
- 08 Sennheiser MKH 416 + Rycote + boom



- 02 Audio Technica stereo mike
- 01 Sanken stereo mike
- 01 Mix-8 external control surfaces for Fusion
- 01 Zaxcom Control Panel 8 channels for recorder Nomad
- 02 Zaxcom portable wireless Transmitter - (ECRA1001)
- 02 Zaxcom portable Receiver ENG wideband
- 01 Zaxcom shotgun Microphone (including support SG 20 and windproof W 140) (ECRA1002)
- 01 Zaxcom 10 tracks Recorder, 16 mix bus total, 6 mix bus outputs, 8 AES input, 6 AES output, ZaxNet, 6 tracks Automixer (ECRA1003)

MONITORING

- 01 TV Logic 24" LVM - 245W
- 01 TV Logic 24" LVM - 246W
- 06 Blackmagic 17" 4K
- 06 Blackmagic 8" duo 4K

- 02 JVC 17" full HD
- 02 JVC 9" HD
- 02 Panasonic 8" HD
- 01 Neway CK700HO 7" HD
- 02 Alpatron EVF-035 W-3G
- 02 F&V Spectra HD 4

D.I.T.

- 01 I Mac 27" Retina 5k Intel Core i7 quad-core a 4,0GHz, 32GB di SDRAM DDR3
- 02 RAID PROMISE Pegasus2 R8 - 32TB (8 x 4TB) Thunderbolt 2
- 01 DaVinci Resolve 12 + Full Consolle Interface

BLACKMAGIC INTERFACES

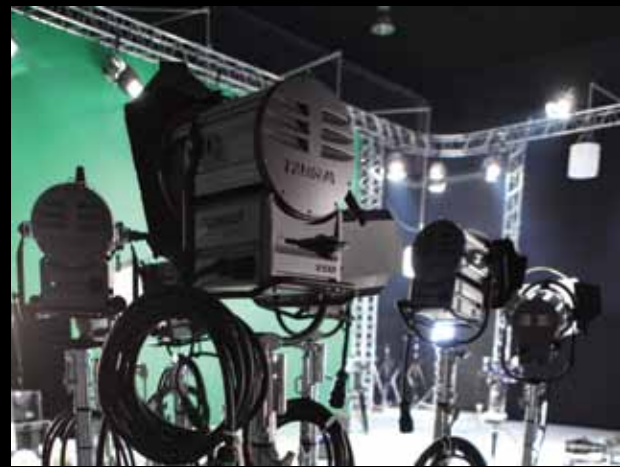
- 02 Blackmagic MultiView 16
- 03 SmartScope Duo 4K
- 01 Teranex 3D Processor
- 01 Smart Videohub 40x40
- 01 Smart Videohub 20x20

- 03 UltraStudio 4K 2
- 01 HyperDeck Studio Pro 2
- 01 Blackmagic MultiDock 2

MULTI CAMERA UNIT

- PORTABLE MULTI CAMERA UNIT up to 4 cameras:
 - Vision mixer Panasonic HMX 100 HD/SD sdi
 - Intercom system Tecpro + radio talkback
 - LCD preview and PGM monitor
 - Recorder Atomos Samurai
 - HDW 1500/ HD DVC pro 1200
 - HD/SD video distribution unit
 - Walkie talkie sytem base station + 06 portable unit
 - Telephone hibryd Studer two channel
 - IFB personal amplifier
 - Audio mixer Soundcraft 12/4/2
 - Teleprompter system
 - Optical fiber 4 way 500 mt
 - P2 card HD recorder

- CF card HD recorder
- SSD HD recorder
- HD recorder Panasonic HD 1200
- DVC pro 100 recorder
- 5 x Mac Pro lap top for acquisition and on field editing
- Multiformat player Sony J 30
- LIVEU FACILITIES:
 - 01 LiveU LU70 HD back pack
 - 02 LiveU LU 500 HD back pack
 - KA satellite service on the field
- AUDIO STAGE FACILITIES:
 - Audio mixer AMEK BB100
 - Equalizer and audio effects rack
 - Audio distribution rack
 - DVD and CD player rack
 - Audio amplifiers rack total 1200 W
 - Amplified loudspeaker LSS 200 W
 - Amplified loudspeaker DB 80 W
 - Loudspeaker Electrovoice SS 200
 - Radio mike hand held system
 - Stage box cables 600 mt.



• FULL INTERCOM SYSTEM TECPRO:

- 01 base station
- 03 remote base station
- 12 belt pack
- 02 wire/2 wire interface
- 01 wireless interface
- 06 wireless tx
- 06 rx belt pack
- 06 earpieces

• ACQUISITION AND ON FIELD EDITING:

- 05 Mac Pro Laptop
- 01 Aja IO HD
- 03 Blackmagic UltraStudio2 4K

SLIDERS

- 01 Slider Shootools Motorized 150cm
- 01 Slider Shootools Motorized 100cm
- 01 Cine Slider per Cam 50 kg
- 01 Cine Slider per Cam 23 kg

VDSLR

- Canon 5D mark II (complete with Follow focus, matte box, formatt filters kit, batteries kit, Rig)
- Canon 7D (complete with Follow focus, matte box, formatt filters kit, batteries kit, Rig)
- 02 EF – PL Mount
- 02 Aja Kipro Mini HD (complete with kit card, brackets, plates for batteries Anton Bauer and v-lock)
- 02 Zacuto View Finder + grip

GOPRO

- 04 Gopro Hero4 Black 4K + Full Kit Accessories that includes:
 - 02 HD Helmet Hero Camera
 - 02 Battery BacPack
 - 01 LCD BacPack
 - 01 Roll Bar Mount
 - 01 Grab Bag of Mounts
 - 01 Suction Cup Mount
 - 01 3D HERO System (extra)

ACCESSORIES

- Sandisk Compact Flash 16 gb
- Sandisk Compact Flash 8gb
- Card Reader Lexar Compact Flash
- Switch HDMI
- Rig F&V
- Rig Proaim
- Hand held grip Rig
- Aja converter + batteries Redrock Rig
- Vocas Follow Focus
- Light Viewfinder Canon Video

STEDICAM – CAMERA CAR – JIB

- Steadicam Glidecam full pack
- Mini Steadicam
- Kit Camera Car for Canon
- JIB Glidecam 3,5mt full pack
- Mini Monitor HD 9"

CAMERA SLIDER SHOOTING & TIME LAPS

- Bundle full pack slider + dolly Motion Plus
- Camera Slider one 150 + 80 motorized
- Dolly one motorized
- Turntable

CINE TOOLS

- Jimmy Jib 12mt
- Jimmi Jib with remote head
- Skater Mini Camera Dolly
- Screen:
 - 02 Cromakey Green Screen 8.95 x 7,00m
 - 01 Cromakey Green Screen 7.85 x 7,00m
 - 01 Cromakey Verde 4.50 x 7,00m
 - 01 Black Screen 4.50 x 7,00m
 - 02 Black Screen 8.95 x 7.00m



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