

# Instrument Catalogue 2015



MADE  
& DESIGNED  
IN ITALY

# Mod. EASY METER TOUCH

THE MOST EASY, ACCURATE  
AND COMPLETE COMBINED  
SAT, TV & CATV FIELD METER TOUCH

DISPLAY  
4,3 16:10



An easy life!

All the settings, measurements and pictures in one Screen.



MPEG4

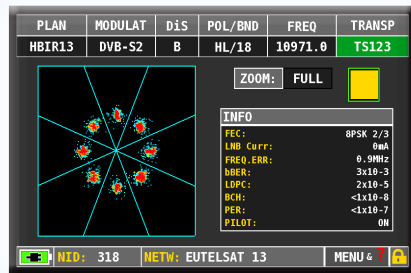
HD

DVBT2/C/S2

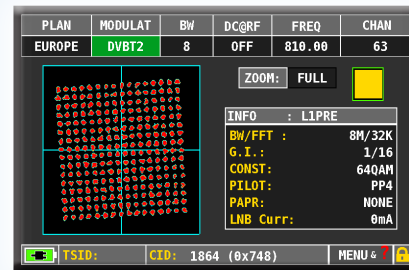


Made and Designed in Italy

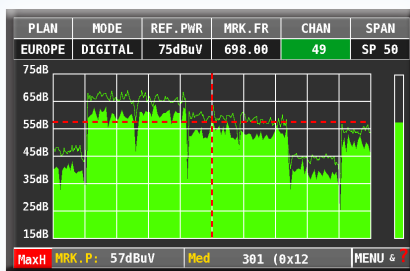
- ACCURATE & EASY TO USE
- DVB-S2, DVB-T/T2, DVB-C
- ANALOG TV & VIDEO INPUT
- FULL MPEG 2 - 4 SD & HD
- AUTOMEMORY & AUTOQUALITY
- SPECTRUM WITH MEMORY PEAK
- ROBUST METAL HOUSING
- RAIN PROOF BAG
- LONG DURATION LI-PO BATTERIES



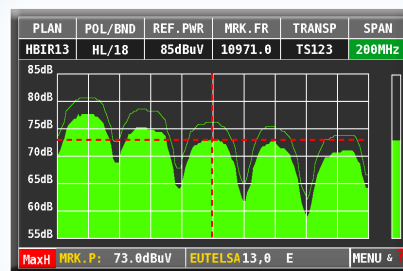
DVB-S2 Constellation



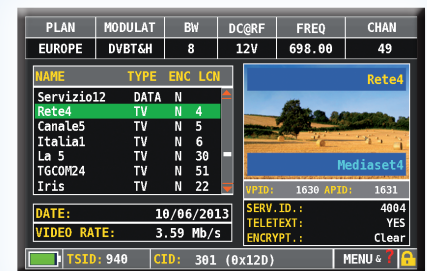
DVB-T2 Constellation



TV Spectrum



SAT Spectrum



Service list image

## Main specifications

### MEASUREMENTS & SPECTRUM ANALYSIS

- **Frequency Range:** TV 44 to 880 MHz, SAT 930 to 2.150 MHz. Level accuracy: 3 dB.
- **Input Impedance:** 75 ohm (interchangeable "F" connector).
- **Power range MEAS.:** TV 10 to 100 dBuV, SAT 28 to 92 dBuV, 120 dBuV with ext. attenuator.
- **Fast spectrum with MAX HOLD:** full spect. capabilities with memory peak, variable span and automatic reference level.
- **Meas:** All digital and analog measurements, see related table below.
- **Quality:** Auto quality Test.
- **TV Memory plan:** World Wide countries with related channels plans pre-memorized.
- **SAT Memory Plan:** More than 2.000 transponders prememorized for world wide Satellite.

### GENERAL SPECIFICATIONS

- **DC voltage at RF input:** 5 - 12 - 18 - 24 V.
- **Battery:** Rechargeable Li-Po battery pack, 2/3 hour duration.
- **Power supply & Battery charger:** 12 Vdc.
- **USB PC Interface:** For SW upgrade and memory plan management.
- **Housing:** Metal box and rain proof bag.
- **Size:** H 123 x W 185 x D 44 mm (meter only).
- **Weight:** 1,3 Kg.

# Mod. EASY METER PLUS

THE MOST EASY, ACCURATE  
AND COMPLETE COMBINED  
SAT, TV & CATV FIELD METER

DISPLAY  
4,3 16:10



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MPEG4

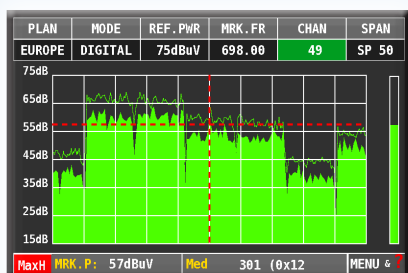
HD

DVB-T/C/S2

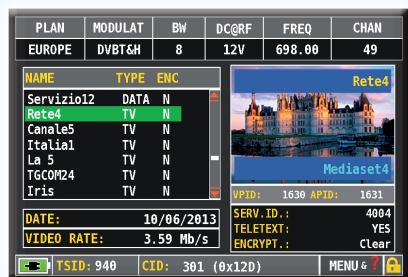


Made and Designed in Italy

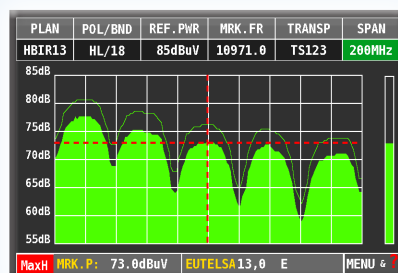
- ACCURATE & EASY TO USE
- DVB-S2, DVB-T, DVB-C
- FULL MPEG 2 & 4 SD & HD
- AUTOMEMORY
- AUTOQUALITY
- SPECTRUM WITH MEMORY PEAK
- ROBUST METAL HOUSING
- RAIN PROOF BAG
- LONG DURATION LI-PO BATTERIES



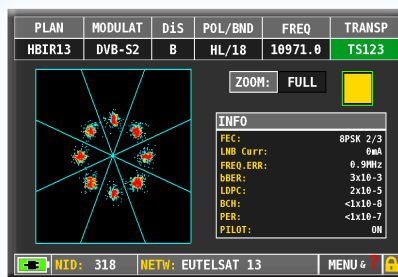
TV Spectrum



Service list image



SAT Spectrum



DVB-S2 Constellation

## Main specifications

### MEASUREMENTS & SPECTRUM ANALYSIS

- **Frequency Range:** TV 44 to 880 MHz, SAT 930 to 2.150 MHz. Level accuracy: 3 dB.
- **Input Impedance:** 75 ohm (interchangeable "F" connector).
- **Power range MEAS.:** TV 10 to 100 dBμV, SAT 28 to 92 dBμV, 120 dBμV with ext. attenuator.
- **Fast spectrum with MAX HOLD:** full spect. capabilities with memory peak, variable span and automatic reference level.
- **Meas:** All digital and analog measurements, see related table below.
- **Quality:** Auto quality Test.
- **TV Memory plan:** World Wide countries with related channels plans pre-memorized.
- **SAT Memory Plan:** More than 2.000 transponders prememorized for world wide Satellite.

### GENERAL SPECIFICATIONS

- **DC voltage at RF input:** 5 - 12 - 18 - 24 V.
- **Battery:** Rechargeable Li-Po battery pack, 2/3 hour duration.
- **Power supply & Battery charger:** 12 Vdc.
- **USB PC Interface:** For SW upgrade and memory plan management.
- **Housing:** Metal box and rain proof bag.
- **Size:** H 123 x W 185 x D 44 mm (meter only).
- **Weight:** 1,3 Kg.

# Mod. T2 HD EXPERT

IT HAS NEVER BEEN SO SIMPLE,  
ACCURATE & COMPLETE



**A well job done in 3 seconds!**

Automatically Stores all channels of your city, checks the best antenna pointing and analyzes the result of your work by measuring the quality and power up-to 140 channels in blocks of 8 channels.

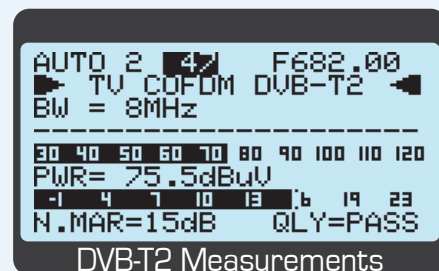
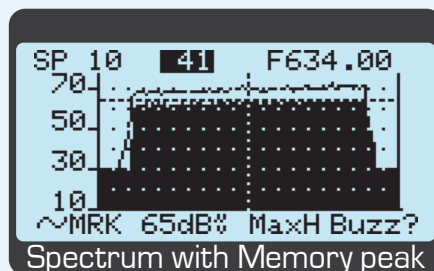
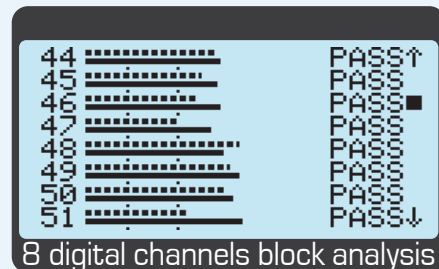
**DVB-T2**

**HD  
MEASURES**



Made and Designed in Italy

- HIGH PRECISION WITH ALL CHANNELS CALIBRATED
- UP TO 140 CHS ANALYSIS IN BLOCKS OF 8 DIGITAL AND/OR ANALOG CHANNELS
- FULLY AUTOMATIC MEASUR.
- FAST QUALITY MEAS.: FAIL-MARG.-PASS
- WORLDWIDE TV STANDARDS
- LI-PO LONG BATTERY DURATION
- ROBUST METAL HOUSING
- RAIN PROOF BAG



## Main specifications

### MEASUREMENTS & SPECTRUM ANALYSIS

- Frequency Range: 44 MHz to 880 MHz.
- Input Impedance: 75 ohm (interchangeable "F" connector).
- Power range MEAS.: 10 to 100 dBμV; 120 dBμV with ext. attenuator.
- Fast spectrum with MAX HOLD: Full spect. capabilities with peak memory, variable span and automatic reference level.
- Meas: All digital and analog measurements, see table below.
- Quality FAIL - MARGINAL - PASS: Measuring the quality and the power up-to 140 CHs in blocks of 8 Digital or Analog channels simultaneously.
- Barscan: TV analog and digital bars scan form 10 to 100 channels.
- Memory plan: World Wide countries with related channels plans are pre-memorized.

### GENERAL SPECIFICATIONS

- DC voltage at RF input: 5Vdc.
- Battery: Rechargeable Li-Po battery pack, 5 hour duration.
- USB Micro: For battery charge and PC interface for SW up-grade and memory plan management.
- Housing: Metal box and rain proof bag.
- Size: H 95 x W 160 x D 34 mm (meter only).
- Weight: 500 gr.

# Mod. TV EXPERT

IT HAS NEVER BEEN SO SIMPLE,  
ACCURATE & COMPLETE



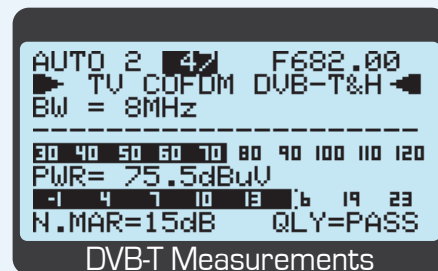
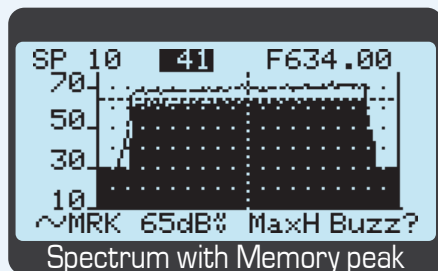
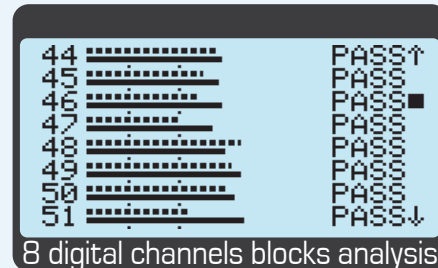
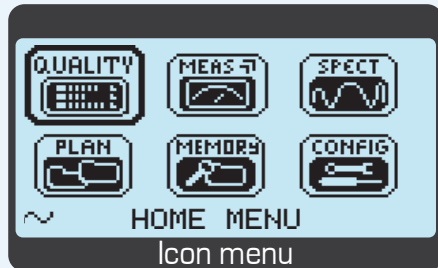
**A well job done in 3 second!**

Automatically Stores all channels of your city, checks the best antenna pointing and analyzes the result of your work by measuring the quality and power up-to 140 channels in blocks of 8 channels.



Made and Designed in Italy

- HIGH PRECISION WITH ALL CHANNELS CALIBRATED
- UP TO 140 CHS ANALYSIS IN BLOCKS OF 8 DIGITAL AND/OR ANALOG CHANNELS
- FULLY AUTOMATIC MEASUR.
- FAST QUALITY MEAS.: FAIL-MARG.-PASS
- WORLDWIDE TV STANDARDS
- LI-PO LONG BATTERY DURATION
- ROBUST METAL HOUSING
- RAIN PROOF BAG



## Main specifications

### MEASUREMENTS & SPECTRUM ANALYSIS

- Frequency Range: 44 MHz to 880 MHz.
- Input Impedance: 75 ohm (interchangeable "F" connector).
- Power range MEAS.: 10 to 100 dBμV; 120 dBμV with ext. attenuator.
- Fast spectrum with MAX HOLD: Full spect. capabilities with peak memory, variable span and automatic reference level.
- Meas: All digital and analog measurements, see table below.
- Quality FAIL - MARGINAL - PASS: Measuring the quality and the power up-to 140 CHs in blocks of 8 Digital or Analog channels simultaneously.
- Barscan: TV analog and digital bars scan form 10 to 100 channels.
- Memory plan: World Wide countries with related channels plans are pre-memorized.

### GENERAL SPECIFICATIONS

- DC voltage at RF input: 5Vdc.
- Battery: Rechargeable Li-Po battery pack, 5 hour duration.
- USB Micro: For battery charge and PC interface for SW up-grade and memory plan management.
- Housing: Metal box and rain proof bag.
- Size: H 95 x W 160 x D 34 mm (meter only).
- Weight: 500 gr.

# Mod. QAM EXPERT

IT HAS NEVER BEEN SO SIMPLE,  
ACCURATE & COMPLETE



**A well job done in 3 second!**

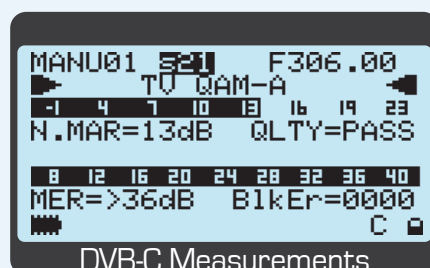
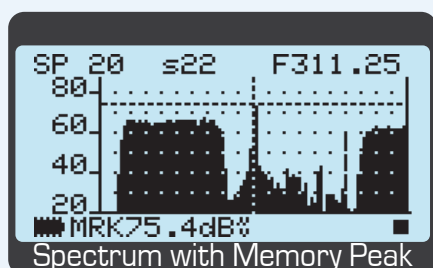
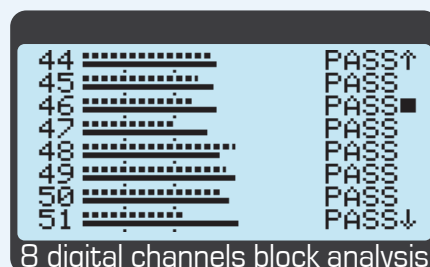
Connect the CATV socket and automatically SCAN  
the Power and Quality up-to 140 channels in blocks of 8 channels.

**DVB-C J-83**



Made and Designed in Italy

- EASY TO USE FULLY AUTOMATIC
- SIMULTANEOUS ANALYSIS IN BLOCKS OF 8 DIGITAL AND/OR ANALOG CHANNELS
- FULLY AUTOMATIC MEASUR.
- FAST QUALITY MEASUREMENTS
- WORLDWIDE TV STANDARDS
- LI-PO LONG BATTERY DURATION
- ROBUST METAL HOUSING
- RAIN PROOF BAG



## Main specifications

### MEASUREMENTS & SPECTRUM ANALYSIS

- Frequency Range: 4 MHz to 1.000 MHz.
- Input Impedance: 75 ohm (interchangeable "F" connector).
- Power range MEAS.: 10 to 100 dBμV (-50 dBmV to 60 dBmV) 120 dBμV with ext. attenuator
- Fast spectrum with MAX HOLD: Full spect. capabilities with peak memory, variable span and automatic reference level.
- Meas: All digital and analog measurements, see table below.
- Quality FAIL - MARGINAL - PASS: Measuring the quality and the power up-to 140 CHs in blocks of 8 Digital or Analog channels simultaneously.
- Barscan: TV analog and digital bars scan form 10 to 100 channels.
- Memory plan: World Wide countries with related channels plans are pre-memorized.

### GENERAL SPECIFICATIONS

- DC voltage at RF input: 5Vdc.
- Battery: Rechargeable Li-Po battery pack, 5 hour duration.
- USB Micro: For battery charge and PC interface for SW up-grade and memory plan management.
- Housing: Metal box and rain proof bag.
- Size: H 95 x W 160 x D 34 mm (meter only).
- Weight: 500 gr.

# Mod. SAT EXPERT

IT HAS NEVER BEEN SO SIMPLE

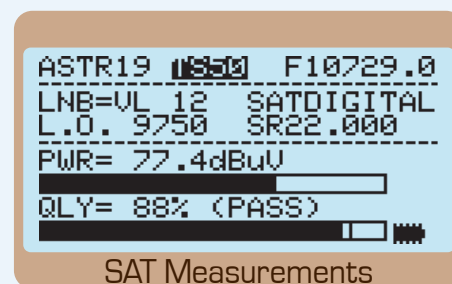
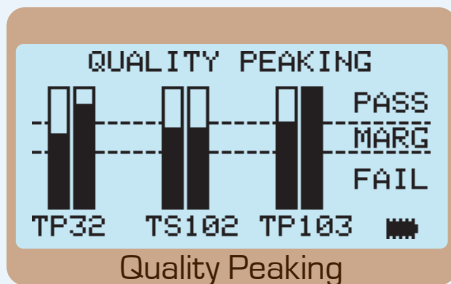
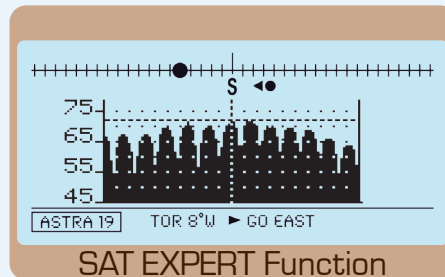


**DVBS2**



Made and Designed in Italy

- ONE SECOND PRECISE & SUPER FAST DISH ALIGNMENT
- FULLY AUTOMATIC
- FIRST SATELLITE IDENTIFICATION
- LONG BATTERY DURATION
- ROBUST HOUSING
- RAIN PROOF BAG



## Main specifications

### MEASUREMENTS & SPECTRUM ANALYSIS

- Frequency Range: 950–2250 MHz.
- Input Impedance: 75 ohm (interchangeable “F” connector).
- SAT POINT: fully automatic spectrum with satellite identification.
- Spectrum with max hold: full spectrum capabilities with peak memory, variable span and reference level.
- Quality **FAIL - MARGINAL - PASS**: quality indication for fine cross-polarization and perfect alignment adjustments.
- Graphic horizon: virtual on screen horizon line to show the chosen satellite Position; EAST to WEST directions to your chosen satellite will be provided once the first received satellite is identified.
- Pre-memorized SAT transponder navigation: can be upgraded but not cancelled, all the main satellite channel plans worldwide
- Buzzer: acoustic power level indicator on loudspeaker.

### GENERAL SPECIFICATIONS

- Power supply at RF input: 12V–18V–22 KHz.
- Battery: rechargeable battery pack, 3 to 4 hour duration (depending on LNB consumption).
- Power supply & Battery charge: 12VDC.
- UBS PC Interface: for SW up-grade and memory plan management.
- Easy to use: ready for alignment upon power on; Direct access keys for satellite selection (PLAN) and quality evaluation (QUALITY).
- Compass (**opt.**): for precise Electronic-Magnetic orientation.
- Housing: rugged ABS structure with rubber cover for maximum protection.
- Size: H 225 x W 105 x D 65 mm (meter only).
- Weight: 600 gr.

# PRIMEDIGITAL – CROSS REFERENCE

## EASY METER TOUCH



## EASY METER PLUS



## SAT EXPERT



### RECEPTION STANDARD

| Freq. Range MHz     | 47 - 2.150 | 47 - 2.150 | 930 - 2.150 |
|---------------------|------------|------------|-------------|
| DVB-T               | •          | •          | -           |
| DVB-T2              | •          | -          | -           |
| DVB-S2              | •          | •          | •           |
| DVB-C               | •          | •          | -           |
| DVB-C2              | -          | -          | -           |
| GB20600 China       | -          | -          | -           |
| ISDB-T              | opt.       | opt.       | -           |
| ATSC                | -          | -          | -           |
| DOLBY audio AC3-DD+ | opt.       | -          | -           |
| MPEG & AAC audio    | •          | •          | -           |

### MEASURE

|                                   |   |         |          |
|-----------------------------------|---|---------|----------|
| ANALOG TV PICTURE & VIDEO INPUT   | • | -       | -        |
| MPEG 4 HD Picture                 | • | •       | -        |
| Analog Level                      | • | •       | •        |
| Analog C/N (Carrier to Noise)     | - | -       | -        |
| Analog V/A (Video/Audio Ratio)    | • | •       | -        |
| Digital Power                     | • | •       | •        |
| Full Spectrum: SAT-TV-CABLE       | • | •       | SAT      |
| 100 CHs TV Barscan                | - | -       | -        |
| MER                               | • | •       | emulated |
| BER                               | • | •       | -        |
| PER                               | • | • (SAT) | -        |
| SCR                               | • | •       | -        |
| Constellation                     | • | • (SAT) | -        |
| Noise Margin                      | - | -       | -        |
| AUTO Quality test                 | • | •       | •        |
| COMPASS                           | - | -       | opt.     |
| SATEXPERT dish alignment Function | - | -       | •        |

### OTHERS





|                                 |       |       |   |
|---------------------------------|-------|-------|---|
| Display Touchscreen             | •     | -     | - |
| Data Logger                     | •     | •     | - |
| Auto Discovery                  | •     | •     | - |
| Auto Memory                     | •     | •     | - |
| Manu Memory                     | •     | •     | - |
| DISPLAY: Graphic Monochrome LCD | -     | -     | • |
| DISPLAY: Color TFT              | •     | •     | - |
| BATTERY TYPE                    | LI-PO | LI-PO | • |

### ACCESSORIES

|                      |   |   |   |
|----------------------|---|---|---|
| BAG & SHOULDER STRAP | • | • | • |
| BATTERY CHARGER      | • | • | • |

N.B. = Options are only available for quantities to be agreed and must be specified upon order.

# CROSS REFERENCE - PRIMEDIGITAL

| TV METER  | TV EXPERT   | T2 HD EXPERT   | QAM EXPERT  |
|---|---|--|---|
|  |  |  |  |
| 47 - 880  | 47 - 880  | 47 - 880   | 4 - 1.000   |
| emulated  | •   | •  | -   |
| emulated  | -   | •  | -   |
| -   | -   | -  | -   |
| emulated  | emulated  | •  | •   |
| emulated  | emulated  | -  | opt.  |
| emulated  | -   | -  | -   |
| emulated  | opt.  | -  | -   |
| emulated  | opt.  | -  | opt.  |
| -   | -   | -  | -   |
| -   | -   | -  | -   |
| -   | -   | -  | -   |
| -   | -   | -  | -   |
| •   | •   | •  | •   |
| -   | -   | -  | •   |
| •   | •   | •  | •   |
| •   | •   | •  | •   |
| TV & CABLE  | TV & CABLE  | TV & CABLE   | TV & CABLE  |
| •   | •   | •  | •   |
| emulated  | •   | •  | •   |
| -   | •   | •  | •   |
| -   | -   | •  | -   |
| -   | -   | -  | -   |
| -   | •   | •  | •   |
| emulated  | •   | •  | •   |
| •   | •   | •  | •   |
| -   | -   | -  | -   |
| -   | -   | -  | -   |
| -   | -   | -  | -   |
| •   | •   | •  | •   |
| •   | •   | •  | •   |
| •   | •   | •  | •   |
| •   | •   | •  | •   |
| •   | •   | •  | •   |
| -   | -   | -  | -   |
| LI-PO   | LI-PO   | LI-PO  | LI-PO   |
| •   | •   | •  | •   |
| with USB cable  | with USB cable  | with USB cable   | with USB cable  |

All technical features are subject to change without notice

[www.primedigital.eu](http://www.primedigital.eu)

V.1 Jan. 2015 ENG

***Distributed by:***

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**CERTIFICATES N°**

1263 ISO 9001

1264 ISO 14001

1265 BS OHSAS 18001

