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## DVB-T ULTRACOMPACT MULTIFORMAT WIRELESS CAMERA

The compact DVB-T camera is the perfect solution for "live" production combining high quality HD shooting, small form factor and wireless transmission technologies.

It has an integrated DVB-T transmitter and a telemetric receiver which can be integrated in a existing DVB-T infrastructure very easy.

The small camera is designed as compact all-in-one camera with no additional cabling. It is easy to use and characterized by a "next generation" MPEG-4 AVC/H.264 compression algorithm and an ASI compliant transport stream.

### Applications

#### Broadcast

Wireless HDTV camera without cabling has huge potential in the broadcast sector

for example in

- extreme sport events
- live entertainment

#### Film

The tiny camera is also well suited for shooting outdoors and for documentary:

- shooting nature
- difficult to access areas

#### Surveillance and quality assurance

The DVB-T camera can also be used in remote-controlled unmanned aircraft systems for different kinds of inspections:

- drones
- volcanic inspection
- military



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## Technical Data

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### Image sensor

2/3" single chip CMOS sensor

### Resolution

2048 x 1080 pixels

### Formats

NTSC / PAL, 4:3 / 16:9

720p @ 50, 59.94, 60 Hz

1080i @ 50, 59.94, 60 Hz

1080p @ 23.98, 24, 25, 29.97, 30 Hz

### Video

Compression: MPEG-4 AVC/H.264

High Profile, Level 4.0 (ISO/IEC 14496-10)

### Coderate

2/3, 3/4, 5/6, 7/8 (1/2 later)

### Modulation

DVB-T: QPSK, QAM16, QAM64

### OFDM

2k-mode

### Guard intervall

1/4, 1/8, 1/16, 1/32

### Channel Bandwidth

7 MHz ( 6 MHz and 8 MHz later )

### RF Frequency Range

1.9 GHz – 2.7 GHz

### Remode control

450 – 500 MHz frequency range

OOK, FSK, GFSK

### Physical

Power supply: 9-36 V, 10 W

Weight (without lens): 300 g

Size (without lens):

38 mm x 53,5 mm x 126 mm

1 DVB-T camera close-up

2 Helmet camera application