



SMARTX III

- The SMARTX III is the latest and greatest generation of wireless transmitter from Livetools Technology. The modular approach and the technical qualities make it the most flexible and adaptive offer on the market for wireless SD/HD security applications.
- Advanced custom OFDM modulation, bandwidth: 4,8,10,20MHz; custom bandwidths available on demand. The base version include a 100mW radio output; adding a radio module allow transmissions in several large frequency bands, between 1.3 and 7.9GHz with 1W output power for more demanding applications
- Advanced H264 encoding, up to HD video formats.
- Four high-quality audio channels
- UHF remote transmitter control
- GPS localization
- Multiple audio, video and data interfaces for maximum flexibility
- Compact-flash recording and easy upgrade
- Reduced power consumption and size

Specifications

- Frequency bands:
 - > Base module: 1.3-2.0GHz, 2.0-2.7GHz, 3.4-3.8GHz, +20dBm (100mW) output power
 - > With additional radio module: +30dBm (1W) output power, several bands available
- HDMI, CVBS video inputs
- Up to 4 audio inputs
- H264 advanced encoding
- Up to HD video formats
- Ethernet port - control, streaming
- RS232/422 Serial port – control, data
- DVB-T or custom DPRO modulation, bandwidths up to 20MHz
- Thermally and electrically protected
- Weight: 1.5Kg (additional radio module included)
- Size: 205 x 105 x 50mm
- Power consumption:
 - > Base module: < 12W
 - > With additional radio module: < 30W

Options

- Additional radio module with large frequency ranges, available between 1.3 and 7.9GHz, +30dBm (1W) output power
- UHF wireless remote control; custom adaptation available
- Proprietary DPRO modulation scheme for difficult mobile applications

Applications

- High quality security applications
- Outdoor links: more than 10km in line of sight
- Exceptionally robust in indoor and mobile urban scenario
- Security cams monitoring by mobile patrols

Reference

Overnight security of Bry-Sur-Marne, France (mobile patrol unit selecting and receiving live video feeds from command center).