View³ e View⁴
HQ On site audio/video Monitoring Terminal

View³ and View⁴ is equipped with high quality **touch screen** controllable LCD displays fit for monitoring digital television in transmitter sites.

All measurements are viewable on screen or logged and user downloadable via TCP / UDP / TELNET / SNMP.

Monitoring includes audio level bars, field strength, BER and packet errors.

Each panel is **independent** and is capable of ASI, RF and ETHERNET (UDP) inputs rendering the unit highly flexible for all types of onsite and control room monitoring.

Each separate panel is equipped with 2 inputs ('A' and 'B') which can be easily selected using the touch screen.

Input formats include burst mode and continuous mode, packet sizes can be 188 or 204.

Each monitor can intake SD or HD content thanks to a hardware MPEG2/H264 decoder.

Depending on the option, the RF input is capable of DVB-T/T2, DVB/S/S2, DVB-C or ATSC.

■ View³

3U rack only 350 mm deep, display TFT LCD 5.6''.

■ View⁴

2U rack 350 mm deep, display TFT LCD 3.5''.

FUNCTIONAL DATA

- Very high viewing angle, up to 180°
- Touch screen user interface
- ARM11 embedded computer + Linux
- Hardware SD/HD decoding
  with Trident® CX24500
- ASI, RF and ETHERNET 10/100 inputs
- Can decode video streams over UDP
- On board SNMP, WEB, TELNET
- Software upgradable over Ethernet
- 3.5mm jack for audio monitoring
  of each monitor

- Selectable audio on embedded speakers
- Audio levels viewable on each screen
- Services selectable via touch screen
- Viewable PID contents in each service
- Compact & robust assembly
- Power supply 240V
  or optionally external 12VDC-4A
- Operating temperature 0-50°C

RF CHARACTERISTICS

System	**DVB-T/T2**
Input level	**-80 to -25 dBm**
Impedance	**75ohm**
Band	**BIII, UHF**
Bandwidth	**7MHz (BIII); 8MHz (UHF)**
Scan function	**Yes**
Quality check	**Yes**
BER indication	**Yes**

BASEBAND INPUT

ASI input	**BNC 75 ohm (EN50083-9)**
Input level	**from 100mV a 2000mV internally equalized**
Max. Bit-rate	**75MB/s**
Engine	**FPGA ALTERA**
Modes	**Burst and continuous 188, 204**

BLOCK DIAGRAM FOR EACH PANEL