

ANALOG VIDEO TO SD SDI CONVERTER VM21

Controlled parameters are:

| GREEN LIGHTS | FUNCTION | YELLOW LIGHTS | CONFIGURATION |
|--------------|------------------------|------------------|------------------------------|
| ●●●● | INPUTS CONTROL | ●●●● | PAL (H1) |
| | | ●●●● | PAL (H2) |
| | | ●●●● | PAL (H3) |
| | | ●●●● | SVHS (Y (H1), C (H2)) |
| | | ●●●● | YUV (Y (H1), U (H2), V (H3)) |
| | | ●●●● | PAL (H1) |
| | | ●●●● | PAL (H2) |
| | | ●●●● | PAL (H3) |
| | | ●●●● | SVHS (Y (H2), C (H3)) |
| | | ●●●● | YUV (Y (H2), U (H3), V (H3)) |
| ●●●● | Y PR/PB INPUT STANDART | ●●●● | STANDART |
| | | ●●●● | BETACAM |
| ●●●● | BRIGHTNESS | ●●●● | BRIGHTNESS MIN |
| | | ●●●● | ----- |
| | | ●●●● | BRIGHTNESS MAX |
| ●●●● | SATURATION | ●●●● | SATURATION MIN |
| | | ●●●● | ----- |
| | | ●●●● | SATURATION MAX |
| ●●●● | CONTRAST | ●●●● | CONTRAST MIN |
| | | ●●●● | ----- |
| | | ●●●● | CONTRAST MAX |
| ●●●● | HUE | ●●●● | HUE MIN |
| | | ●●●● | ----- |
| | | ●●●● | HUE MAX |
| ●●●● | TEST PATTERN | ●●●● | INPUT |
| | | ●●●● | COLOR BARS |
| | | ●●●● | BLACK FIELD |
| | | ●●●● | GRAY FIELD |
| | | ●●●● | MAGENTA FIELD |
| | | ●●●● | INPUT |
| ●●●● | COMB FILTER | ●●●● | NARROW BANDWATCH |
| | | ●●●● | MEDIUM BANDWATCH |
| | | ●●●● | WIDE BANDWATCH |
| | | ●●●● | WIDEST BANDWATCH |
| ●●●● | VBI PASS-THRU | ●●●● | PROCESSING VBI |
| | | ●●●● | VBI PASS-THRU |
| ●●●● | HORIZONTAL PHASE | ●●●● | MAX RIGHT |
| | | ●●●● | ----- |
| ●●●● | Y FILTER | ●●●● | MAX LEFT |
| | | ●●●● | SVHS1 |
| | | ●●●● | SVHS2 |
| | | ●●●● | SVHS3 |
| | | ●●●● | SVHS4 |
| | | ●●●● | SVHS5 |
| | | ●●●● | SVHS6 |
| | | ●●●● | SVHS7 |
| | | ●●●● | SVHS8 |
| | | ●●●● | SVHS9 |
| | | ●●●● | SVHS10 |
| | | ●●●● | SVHS11 |
| | | ●●●● | SVHS12 |
| | | ●●●● | SVHS13 |
| | | ●●●● | SVHS14 |
| | | ●●●● | SVHS15 |
| | | ●●●● | SVHS16 |
| | ●●●● | SVHS17 (CCIR601) | |
| ●●●● | VCO CONTROL | ●●●● | VCO OFF |
| | | ●●●● | VCO ON |
| ●●●● | COLOR FILTER | ●●●● | AUTO SELECTION 1.5MHz PAL |
| | | ●●●● | AUTO SELECTION 2.17MHz S-VHS |
| | | ●●●● | SF1 |
| | | ●●●● | SF2 |
| | | ●●●● | SF3 |
| | | ●●●● | SF4 |
| | ●●●● | SF5 | |
| | CONTROL | ●●●● | WIDEBAND MODE |
| | | ●●●● | RESET |
| | | ●●●● | SETUP DEFAULT |
| | | ●●●● | SETUP LOCK/UNLOCK |
| | | ●●●● | EXIT |



standard, setup locking, default status, test signal. Parameters setting system allows to reset converter back to default status.

Analog Digital Converter VM21 is available as stand alone unit with external PSU or up to 4 converters can be installed in the standard 19" 1U rack with internal power supply.



Technical specifications:

- Inputs: 3 analog on BNC connectors
- Analog input standard: PAL, SVHS, YUV
- Outputs: 2 SD SDI SMPTE 259M on BNC connectors
- Internal analog ADC: 12 bit
- Control from: front panel regulators
- Power: ~220V external PSU with not stabilized +7...+15V output
- Dimensions: 85x120x43mm
- Weight: 0,7kg

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