



# QVIS® | 16CH PASSIVE UTP VIDEO BALUN

## FEATURES:

- Adopt differential signal transmission with excellent anti-jamming ability
- Save project wire expenses, each a pair of twisted pair wire transmits one channel of video signal and one common Cat-5 unshielded twisted pair wire can simultaneously transmit four channels of video signal
- Full-motion CCTV video at distances up to 330m when used with any passive UTP video transceiver
- Up to 1500m with any active UTP video receiver
- No power required
- Built-in transient suppression protection

## Technical specifications:

- Frequency response: DC-8MHZ
- CMRR (Common Mode Rejection Ratio): 60DB
- Impedance: BNC: 75Ω ; RJ45:100Ω
- Working temperature: -10°C-70°C
- Storage temperature: -30°C-70°C
- Applicable to NTSC, PAL, SECAM and CCIR systems
- External dimension: 430mm\*169mm\*44mm (excluding connectors)

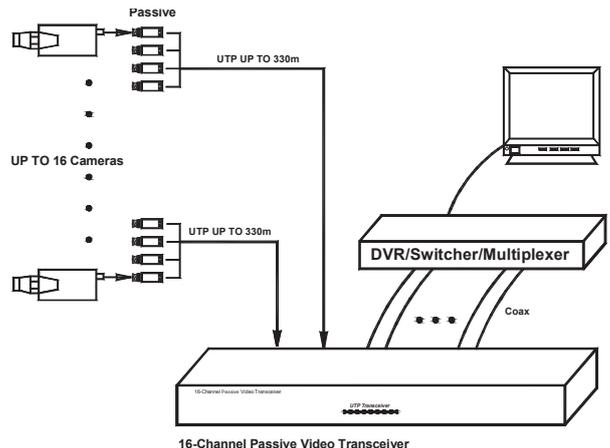
## Type of the required wire:

Unshielded Cat-5 or above twisted pair wire (Please use standard Cat-5 or above twisted pair wire. The wire quality will directly affect the transmitted image effect and transmission distance).  
 Characteristic impedance: 100Ω±20Ω  
 DC loop resistance: 18Ω/100m  
 Differential capacitance: 62pf/m (Maximum)

## Connection method:

Clamp modular plugs for a Cat-5 unshielded twisted pair wire according to the connection order (please refer to the following figure) connect the clamped modular plugs to the RJ45 sockets connect the coax to the connection terminal.

| RJ45 |   | PIN    | COLOR |
|------|---|--------|-------|
|      | 1 | W - O  |       |
|      | 2 | W      |       |
|      | 3 | W - G  |       |
|      | 4 | BL     |       |
|      | 5 | W - BL |       |
|      | 6 | G      |       |
|      | 7 | W - BR |       |
|      | 8 | BR     |       |





| SPECIFICATION             | TT-1600   |
|---------------------------|---|
| Bit Rate                  | 32~4096Kb/s   |
| Image Quality             | CBR, VBR (1~6 level, level 6 is the best)   |
| Recording Mode            | Manual, Schedule (Regular(Continuous), MD (Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop   |
| Recording Priority        | Manual > Alarm > MD > Regular   |
| Recording Interval        | 1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.  |
| Video Detection & Alarm   |   |
| Trigger Events            | Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips  |
| Motion Detection          | Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)  |
| Video Loss & Camera Blank | Support   |
| Alarm Input               | 4 channel   |
| Relay Output              | 1 channel   |
| Playback & Backup         | Support 1/2/3/4 sync playback   |
| Search Mode               | Time/Date, Alarm, MD & Exact search (accurate to second)  |
| Playback Functions        | Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size) |
| Backup Mode               | Flash drive/ USB HDD/ USB CD&DVD-RW / Network download  |
| Ethernet                  | RJ-45 port (10/100M/1000M)  |
| Network Functions         | HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server  |
| Remote Operation          | Monitor, PTZ control, Playback, System setting, File download, Log information  |
| Hard Disk                 | 1 SATA ports, Max 2TB per HDD supported   |
| Space Occupation          | Audio: 28.8MB/H, Video: 56~ 1800MB/H  |
| HDD Management            | Hard disk hibernation technology, HDD faulty alarm  |
| USB Interface             | 2 ports, 1 for mouse control, 1 for backup  |
| RS232                     | keyboard, PC communication, PTZ control   |
| Environmental             |   |
| Power Supply              | DC 12V / 3A   |
| Power Consumption         | 20W (Exclude HDD)   |
| Working Environment       | -10°C ~ +55°C / 10~90%RH / 86~106kpa  |
| Dimension                 | Mini 1U, 280mm×375mm×50 mm(W×D×H)   |
| Weight                    | 2.35kg KG (without HDD)   |

