

**HD-TCX**  
CCTV OVER COAX



## IPHD-TCX-B3812IR

FULL HD1080P IR **HD-TCX** Camera

### OVERVIEW

**HD-TCX** (High Definition - Transmission over Coax Cables) is a new technology developed to transmit HD video via coaxial cable, allowing for reliable and non-latency long range HD transmission without additions of relay devices. The technology renders Full HD 1080p megapixel video formats by progressive scanning in an uncompressed and crosstalk-free environment with constant signal transmission and display without problems such as frame drop & lock loss occurrences.

**HD-TCX** also allows for two-way communication such as Camera OSD Access along with the capability of Digital Zoom in live view or playback. The installation of **HD-TCX** Cameras & DVR is far easier as it allows the use of existing RG-59 coax cable to easily upgrade the current analog system by successfully transmitting HD video over distances in excess of 500 meters with no expensive repeaters or signal boosters.

### FEATURES

- 1/3" 2.1Megapixel Progressive Scan CMOS Sensor
- **HD-TCX** (FULL HD 1080p @ 25fps) video output
- High speed, Real time long distance transmission
- 2D & 3D DNR, AWB, BLC, AGC, Anti-Flicker, Mirror, Privacy Masking, Motion Detection, Defog
- WDR, True Day & Night
- Up to 60 metres Smart IR range visibility in total darkness
- IP68 Weatherproof rating

### SPECIFICATIONS

#### Built In Technology

CCD Sensor  
Effective Pixels  
Resolution  
S/N Ratio  
IR Distance  
Min. Illumination  
Day & Night  
Wide Dynamic Range  
OSD Image Settings  
Privacy zone  
Motion Detection  
AGC, 2D & 3DNR  
Backlight, HLC, D-WDR  
Shutter Time  
Lens  
Angle of View  
Iris Mode  
Mounting  
Power Source  
IP Rating  
Working Environment  
Dimensions  
Weight

#### **HD-TCX** (High Definition - Transmission over Coax Cables)

1/3" 2.1Megapixel Progressive Scan CMOS Sensor  
1920(H) x1080(V)  
HD 1080p @ 25fps  
52dB (AGC off)  
60m, Smart 42pcs IR LED's  
0 Lux IR LED On  
ICR (Auto / Color / B&W)  
WDR  
2D & 3D DNR, AWB, BLC, AGC, Anti-Flicker, Mirror, Privacy Masking, Motion Detection, Defog  
ON/OFF(16 Zone Selectable)  
ON/OFF(1 Zone Selectable)  
OFF / LOW / MIDDLE / HIGH  
ON/OFF  
Auto, 1/25~1/6000  
2.8 ~12mm  
28~136°  
Vari focal  
Wall / Ceiling / Slope  
DC 12V  
IP68  
-45°C~+60°C  
86 (W) x 119(H) x 216 (D) mm  
630g(Without Sunshield & Bracket)