

**HD-TCX**  
CCTV OVER COAX



## IPHD-TCX-B3850IR

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 150 metres Smart IR range visibility in total darkness
- IP68 Weatherproof rating

### SPECIFICATIONS

Built In Technology	<b>HD-TCX</b> (High Definition - Transmission over Coax Cables)
CCD Sensor	1/3" 2.1Megapixel Progressive Scan CMOS Sensor
Effective Pixels	1920(H) x1080(V)
Resolution	HD 1080p @ 25fps
S/N Ratio	52dB (AGC off)
IR Distance	150m, Smart 60pcs IR LED's
Min. Illumination	0 Lux IR LED On
Day & Night	ICR (Auto / Color / B&W)
Wide Dynamic Range	WDR (120dB)
Backlight Compensation	OFF / HLC / BLC / WDR
OSD Image Settings	AWB, BLC, AGC, Anti-Flicker, Mirror, Privacy Masking, Motion Detection, Defog
Privacy zone	ON/OFF(16 Zone Selectable)
Motion Detection	ON/OFF(1 Zone Selectable)
AGC, 2D & 3DNR	OFF / LOW / MIDDLE / HIGH
Backlight, HLC, D-WDR	ON/OFF
Shutter Time	Auto, 1/25~1/6000
Lens	6.0~50.0mm
Angle of View	73~7°
Iris Mode	Vari focal
Mouting	Wall / Ceiling / Slope
Power Source	DC 12V / AC 24V(Optional)
IP Rating	IP68
Working Environment	-45°C~+60°C
Dimensions	110(Ø) x 280(H)mm
Weight	1200g(Without Sunshield & Bracket)