

# Standard

## Full HD Encoder



### Features That Make a Difference:

- Support H.264 encoding standard at PS and RTP customized encapsulation formats. The RTP stream is used for transmission via network and the PS stream is used for recording
- HD-SDI/FC/HDMI/VGA/YPbPr video input
- Encoding video at up to 1080P resolution
- Dual-stream encoding
- Supports either video & audio streams encoding or video-only encoding; audio and video synchronization happens during composite streams encoding
- Up to 8 recording periods configurable for each day, with different recording type selectable for each recording period
- One 10 M/100 M/1000 Mbps Ethernet interface
- Support TCP/IP, UDP, RTP, RTSP, PSIA, SNMP and UPNP network protocols
- Support ONVIF protocol
- Access to Internet by PPPoE method and support IP Server
- Sends E-mail by SMTP protocol and supports attachment of captured JPEG image and SSL encryption
- Remote image capturing in JPEG
- Captured alarm event pictures can be uploaded to FTP server
- Connectable with network HDD in NAS, IP SAN mode



## Specifications

Video/Audio Input	
Video compression	H.264
HD-SDI video input	1-ch,HD-SDI(800m Vp-p, 75Ω) 1920×1080P/25Hz,1920×1080P/30Hz,1920×1080I/50Hz,1920×1080I/60Hz, 1920×720P/25Hz,1280×720P/30Hz,1920×720P/50Hz,1280×720P/60Hz
FC video input	Resolution:1920×1080P/25Hz, 1280×720P/25Hz, 1600×1200P/25Hz
HDMI video input	1-ch, Resolution: 1600×1200P/60Hz, 1280×720P/60Hz,1280×1024P/60Hz, 1024×768P/60Hz
VGA video input	1-ch, Resolution: 1600×1200P/60Hz, 1920×1080P/60Hz, 1920×1080P/50Hz,1280×720P/60Hz, 1280×1024P/60Hz,1024×768P/60Hz, 640×480P/60Hz, 800×600P/60Hz, 1440×900P/60Hz,1366×768P/60Hz,1600×900P/60Hz,1024×768P/75Hz, 1280×1024P/75Hz.
YPbPr video input	1-ch,Resolution: 1920×1080I/60Hz,1920×1080I/50Hz,1920×1080P/25Hz,1920×1080P/30Hz, 1280×720P/60Hz,1280×720P/50Hz
Audio compression	G.711
Audio input	1-ch, RCA(2.0Vp-p,1 kΩ)
Two-way audio	1-ch, RCA(2.0Vp-p,1 kΩ)
Video/Audio Output	
Audio output	1-ch,RCA(Linear,1kΩ)
Video loop output (for DS-6601HFHI/L)	1-ch,HD-SDI interface
Encoding resolution	1920×1080/1600×1200/1280×1024/1280×720/1024×768/704×576/ 352×288 (depending on the type of video input interface connected)
Frame rate	1/16~25/30/50/60fps
Video bit rate	32 Kbps ~ 16 Mbps
Audio bit rate	64 Kbps
Dual stream	Support
Stream type	Video, Video & Audio
Network Protocols	
Protocols Supported	TCP/IP,UDP,IPv4,IPv6; HTTP,RTP,RTSP,NFS,ISCSI,DHCP,NTP,SMTP,SNMPv1,SNMPv2c, SNMPv3,UPNP,SADP,PPPoE,DNS,FTP; IP Server, PeanutHull,NO-IP; PSIA, ONVIF
Network Disk	
Network Disk	8 network disks (NAS/IP SAN)
Capacity	Up to 2TB for each disk
External Interface	
Network interface	1 10 M/ 100M/1000 Mbps Ethernet interface
Serial interface	1RS-485,1RS-232
Alarm in	2
Alarm out	1
Others	
Power supply	12VDC
Power Consumption	≤13W
Working temperature	-10°C~ + 55°C
Working humidity	10%~90%
Dimensions (W×D×H)	200×123×39mm
Weight	≤1.5 kg

## Ordering Information

Illustra Standard Model No.	Description
ISS02YNNNBCN	Full HD Encoder

## Approvals



[www.tycosp-apac.com](http://www.tycosp-apac.com)