

Ikegami Full HD Network Video Codec Encoder / Decoder

Encoder
IEN-200HD/IEN-10

Decoder
IDE-200HD/IDE-10

The IEN-200HD/IDE-200HD and IEN-10/IDE-10 are the Stand Alone PoE Network Video Codec's from Ikegami, which deliver high quality video utilizing the highly efficient H.264 compression format. The IEN-200HD encoder and IDE-200HD decoder support up to 1920x1080 Full HD image size.

IEN-200HD



IDE-200HD



IEN-200HD IDE-200HD Ikegami Full HD Network Video Codec

IEN-10 IDE-10 Ikegami Network Video Codec



HD-SDI Video Input

Digitally transmitted Full HD HDTV signal via single coaxial cable. Auto-Detect video signal input between HD-SDI and SD-SDI. (IEN-200HD)

Image Size

Support up to Full High Definition (1920x1080) video format including 1280x720, 720x480 and 720x575 format. (IEN-200HD/IDE-200HD)

Video Format

High Definition, 1080i, 720p; SD 480i format support (IEN-200HD/IDE-200HD)

Frame Rate

Full frame rate video in all resolutions.

SD card On-board

An SD card slot interface for on-board recording

Motion Detection

Ikegami's unique algorithms permit accurate operation under poor conditions, including outdoor operation. (IEN-10)

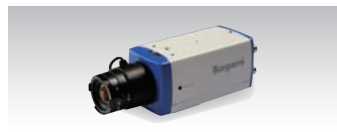
Privacy Masking

Power over Ethernet

Related Products



ISD-200HD Full HD HD-SDI camera



ICD-879/879P High sensitive true Day/Night camera



PCS-400/400P Fully functional dome camera



INR-Q2500 IP network video recorder 32ch input



IPD-BX110 IP network MegaPixel camera



Viewer Suite



IPD-DM100 IP network MegaPixel fix dome camera

SPECIFICATIONS

| | IEN-200HD | IEN-10 | IDE-200HD | IDE-10 |
|-------------------------------|--|---|--|---------------------------|
| VIDEO | | | | |
| Video Compression | H.264, M-JPEG | | H.264 | H.264, M-JPEG |
| Video Input | BNCx1: HD-SDI / SD-SDI 1080i/50,59,94, 720P/50,59,94, 480i/59,94, 575i/50 | BNCx1: VBS(PAL/NTSC) | N/A | |
| Video Looping Output | BNCx1: HD-SDI / SD-SDI Active loop through | BNCx1: VBS(PAL/NTSC) Active loop through | N/A | |
| Video Output | N/A | | BNCx1: HD-SDI/SD-SDI 1080i/50,59,94,720P/50,59,94, 480i/59,94, 575i/50 | BNCx1: VBS(PAL/NTSC) |
| Codec Image Size (HxV) | 1920x1080/1280x720/720x575/720x480 | 720x480/640x480/320x240/160x120 | | |
| Maximum Frame Rate | 30fps(H.264) | 30fps(H.264) | | |
| Bit rate | 512Kbps~12Mbps(H.264) | 64Kbps~8Mbps(H.264) | Depends on IEN-200HD encoder | Depends on IEN-10 encoder |
| Compression Mode | CBR/VBR | | | |
| Privacy Masking | Available (up to 8 areas) | | | |
| AUDIO | | | | |
| Audio Compression | AAC-LC 64Kbps | ADPCM 32Kbps | Depends on IEN-200HD encoder | Depends on IEN-10 encoder |
| Audio Input | Analog: Stereo Duplex (RCAx2 L/R) Digital: Embedded Audio (2ch) based on SMPTE-299M, SMPTE-272M | Mono Duplex (RCAx1) | Stereo Duplex (RCAx2 L/R) | Mono Duplex (RCAx1) |
| Audio Output | Analog: Stereo Duplex RCA x2 L/R Digital: N/A | Mono Duplex (RCA x1) | Stereo Duplex RCA x2 L/R | Mono Duplex (RCA x1) |

This product is made of ECO friendly components based upon the Company policy and Corporate Social Responsibility to help Global Environmental solution for energy conservation and environmental sustainability, and all the components used in this product are Non-hazardous, Toxic Free, Non-Lead materials and parts conforming with Japan's Green Product Regulation, EU's RoHS Directive, and other environmental and hazardous chemical substances related regulations and laws.

Design and specifications are subject to change without notice.

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U.K. Branch

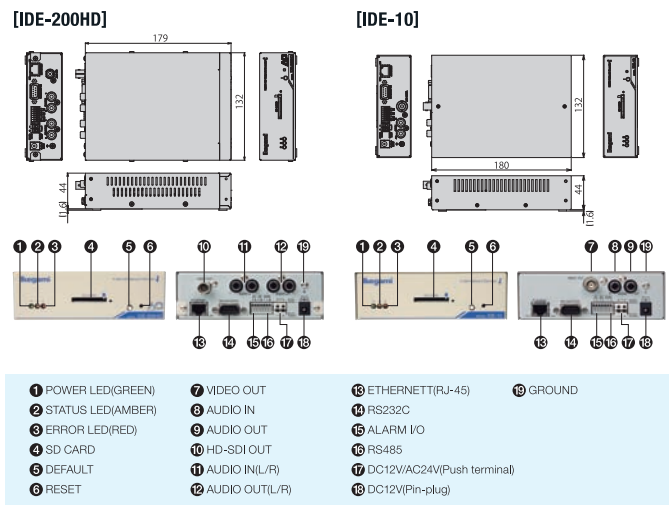
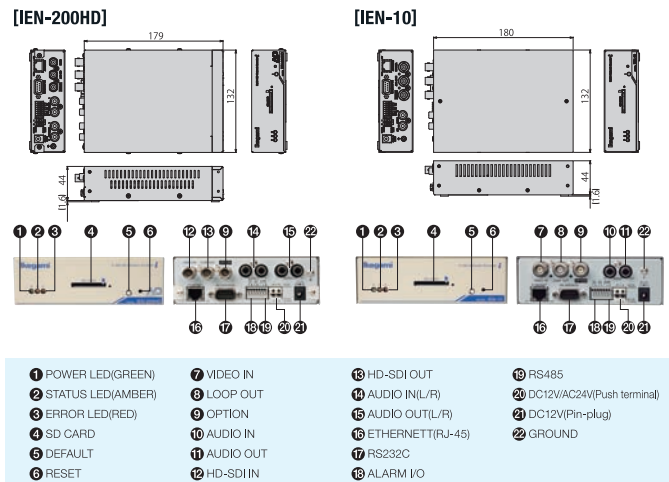
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Denmark Office

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Dimensions / Connectors

Unit:mm



| | IEN-200HD | IEN-10 | IDE-200HD | IDE-10 |
|----------------------------------|---|-----------------------|---|-----------------------|
| VIDEO ANALYTICS | | | | |
| Motion Detection Function | N/A | Available | N/A | N/A |
| NETWORK | 10BASE-T/100BASE-TX | | | |
| Ethernet Interface | 10BASE-T/100BASE-TX | | | |
| Protocols | TCP, UDP, RTP/RTCP, RTSP, HTTP, FTP, DHCP, DNS, NTP (Multicast streaming) | | TCP, UDP, RTP/RTCP, RTSP, HTTP, FTP, DHCP, DNS, NTP | |
| VIDEO STORAGE | SD Card slot (Max. 32GB SDHC standard) | | | |
| Flash Memory | SD Card slot (Max. 32GB SDHC standard) | | | |
| GENERAL | | | | |
| Power Requirement | AC24V ±10% / DC12V(10.5V-15V) / PoE(IEEE 802.3af) CLASS 0 | | | |
| Power Consumption | Approx. 5W | Approx. 4W | Approx. 5W | Approx. 4W |
| Ambient Temperature | -10°C+50°C / 30-85%RH | -10°C+50°C / 30-90%RH | -10°C+50°C / 30-85%RH | -10°C+50°C / 30-90%RH |
| Dimensions | W132 x H44 x D180 mm | | | |
| Weight | 880g | | | |
| OTHER INTERFACE | | | | |
| ALARM I/O | Available | | | |
| RS-232C | Available | | | |
| RS-485 | Available | | | |



U189A109-HA Printed in Japan

ISO 9001

ISO 14001

Certified

JQA-0755

Certified

JQA-EM3888