

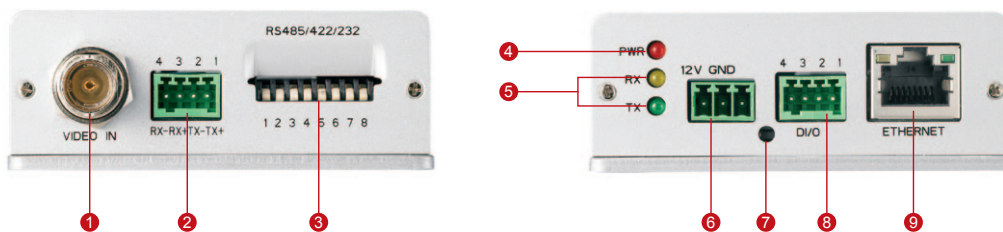
TCD-2100

1-channel H.264 Video Encoder



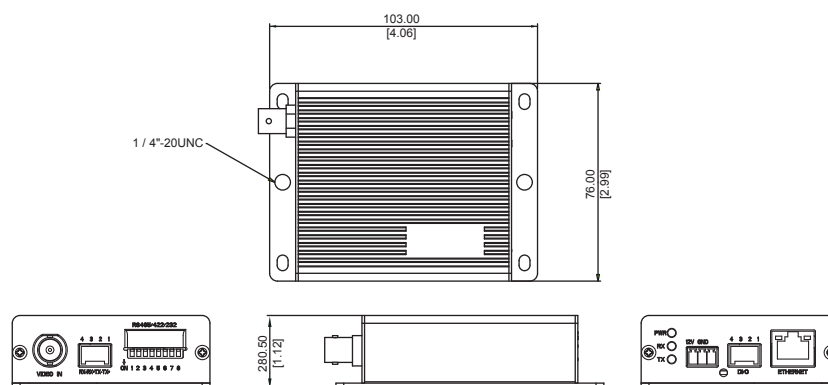
- 25/30 fps at full D1 resolution
- Selectable H.264, MPEG-4 SP, MJPEG compressions with dual streaming
- Video motion detection
- Digital input and digital output
- Serial ports for PTZ control

PHOTO INDICATION



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|-----------------------|---------------------|--------------------------|
| ① Analog Video Input | ④ Power LED | ⑦ Reset Button |
| ② Serial Port Input | ⑤ Serial Port LED | ⑧ Digital Input / Output |
| ③ Serial Port Setting | ⑥ DC12V Power Input | ⑨ Ethernet Port |

DIMENSION DIAGRAM



Unit: mm [inch]

PRODUCT SPECIFICATION**TCD-2100****• Device**

Device Type	Video Encoder
Number of Channels	1

• PTZ

Protocol	Pelco-D, Pelco-P V1 and V2, Dynacolor, Sony VISCA, American Dynamics
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• Video

Compression	H.264, MPEG-4 SP, MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 720 x 480 (Full D1, NTSC); 25 fps at 720 x 576 (Full D1, PAL) 30 fps at 352 x 240 (CIF, NTSC); 25 fps at 352 x 288 (CIF, PAL) 30 fps at 160 x 112 (QCIF, NTSC); 25 fps at 176 x 144 (QCIF, PAL)
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Brightness; Saturation; Contrast
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video

• Network

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPS encryption; Password protected user levels; IEEE 802.1X network access control

• Alarm

Alarm Trigger	Video motion detection (3 regions); External device through digital input
Alarm Response	Notify control center; Go to PTZ preset point or preset tour; Change camera settings; Command other devices; E-mail notification with snapshots; Upload video, snapshot to FTP server; Activate external device through digital output

• Interface

Analog Video Input	1, CVBS, 1.0Vp-p with 75Ω BNC connector
Digital Input	1, terminal block
Digital Output	1, terminal block
Serial Port	RS-485, RS-422, RS-232, terminal block

• General

Power Source / Consumption	DC 12V ± 10% / 3.6 W
Weight	195 g (0.43 lb)
Dimensions (W x H x D)	103 mm x 28.5 mm x 76 mm (4.06" x 1.12" x 2.99")
Operating Temperature	-10 °C ~ 50 °C (14 °F ~ 122 °F)
Operating Humidity	10% ~ 85% RH
Approvals	Video Encoder: CE, FCC; Adapter: CE, TUV-GS, UL, RCM, CCC

• Integration

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available
Firmware Access Browser	Microsoft Internet Explorer 6.0 or newer