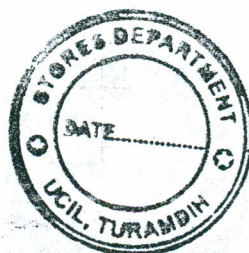


## Specification for Single Channel Video Encoder

1	Video In	: 1.0 Vp-p/75 Ohm Composite, NTSC/PAL Auto Detection
2	No. of Video Channel	: 1 (One)
3	Video Out	: 1.0 Vp-p/75 Ohm Composite, Loop out
4	De-interlacing Filter	: Built-in
5	Event Trigger	: Motion Detector, Alarm Input, Video loss
6	Alarm I/O	: 1 Input / 1 Output
7	Remote Control Interface	: RS-485
8	RS-485 Protocol	: Vendor to Specify (However encoder's protocol compatible with SAMSUNG & BOSCH shall be preferred)
9	Ethernet	: RJ-45 (10/100 Base-T)
10	Video Compression	: H.264, MPEG4, MJPEG
11	Resolution	: Vendor to Specify
12	Audio communication	: 2-Way
13	IP	: Ipv4, Ipv6
14	Protocol	: TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
15	Security	: HTTPS(SSL) Login Authentication, Digest Login Authentication, IP Address Filtering, User access log
16	Streaming method	: Unicast/Multicast
17	Web Viewer	: Supported OS: Windows XP/7 Supported Browser: Internet Explorer, Firefox, Google Chrome
18	Management Software	: To be supplied with Equipment
19	Operating Environment	: Temperature 40 deg.C (Max.), Humidity 80% RH (Max)
20	Power Supply	: 230V AC

Make : Samsung, Bosch, Pelco, Panasonic, Honeywell



(6)

## Specification for Single Channel Video Decoder

1	Video Out	: HDMI / VGA / CVBS (1.0Vp-p, 75 Ohm Composite video)
2	Video Out (Resolution)	: Vendor to Specify
3	Event Trigger	: Alarm Input, IP Camera event input
NETWORK		
4	Ethernet	: RJ-45(10/100/1000 BASE-T)
5	Video Compression format	: H.264, MPEG-4, MJPEG
6	Resolution	H.264: Single View ; Upto 2Mpixel / Quad View: upto 720p MPEG-4: Single View - upto 4CIF/ Quad View - Quad upto 4CIF MJPEG: Single View - upto 720p (800X600)/Quad View - upto 720p (800X600) 1920X1080p, 1280X1024, 1280X720p, 704X576, 704X480, 640X480, 352X288, 352X240, 320X240
7	Max. Frame rate	: Max. 30fps at Single view, 120fps at 4XCIF, Max. 60 fps at 4 X 720p
8	Display	: Single view, Quad View
9	Audio I/O	: Line out 1ea
10	Audio compression format	: G.711
11	IP	: Ipv4, Ipv6
12	Protocol	: TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
13	Security	: HTTPS(SSL) Login Authentication, Digest Login Authentication, IP Address Filtering, User access log,
14	Camera Registration	: 20 Camera, 8 layout, 10 Sequence
15	Support Device	Network Camera, Video Encoder : <b>Make of the supported device shall be provided by the vendor along their offer</b>
16	Web Viewer	Supported OS: Windows XP/7 Supported Browser: Internet Explorer, Firefox, Google Chrome
17	Management Software	: To be supplied with Equipment
18	Operating Temperature	: Ambient (40 deg.C Max.)
19	Power Supply	: 230V AC

Make : Samsung, Bosch, Pelco, Panasonic, Honeywell

