CI-2020-85

**3. pielikums**

**TEHNISKAIS PIEDĀVĀJUMS**

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| **Specifikācija** | **Pieprasītie parametri** | **Pretendenta piedāvātie parametri** |
| **1. Videokamera** | | |
| 1.1. Lēca | Vismaz  Varifocal, 6.7–201 mm, F1.6–5.3 Horizontal field of view: 58.6°–2.2° Vertical field of view: 34.1°–1.2° Autofocus, automatic day/night |  |
| 1.2. Attēla sensors | 1/1.9" progressive scan RGB CMOS |  |
| 1.3.Pan/Tilt/Zoom | Vismaz  Pan: 360° endless, 0.05°/s to 150°/s Tilt: -90° to +90°, 0.05°/s to 150°/s Zoom: 30x optical zoom, 21x digital zoom Preset accuracy: 0.10° 256 preset positions, tour recording, guard tour, control queue, orientation aid PTZ |  |
| 1.4. Video kompresija | Vismaz  H.264 (MPEG-4 Part 10/AVC), H.264 Main, High and Baseline Profiles Motion JPEG |  |
| 1.5. Video izšķirtspēja | Vismaz  1920x1080 HDTV 1080p to 320×180 |  |
| 1.6. Kadru ātrums | Vismaz  60/50 fps (60/50 Hz) visās izšķirtspējās |  |
| 1.7. Video straumēšana | Vismaz  Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264 |  |
| 1.8. Attēla iestatījumi | Vismaz  Saturation, brightness, sharpness, noise reduction, WDR –  up to 110 dB depending on scene, white balance, day-night  shift priority, exposure mode, manual shutter time, defogging,  backlight compensation, highlight compensation, compression,  fine tuning of low-light behavior, text and image overlay, privacy  masks, electronic image stabilization (EIS) |  |
| 1.9. Tīkla drošība | Vismaz  Password protection, IP address filtering, HTTPSb encryption, IEEE 802.1x (EAP-TLS)b network access control, digest authentication, user access log, centralized certificate management, brute force delay protection |  |
| 1.10.Atbalstāmie tīkla protokoli | Vismaz  IPv4/v6, HTTP, HTTPSb , SSL/TLSb , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP® , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP, NTCIP, MQTT |  |
| 1.11.Analītika (analytics) | Iekļauts vismaz  AXIS Video Motion Detection, AXIS Guard Suite including AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard, active tampering alarm, gatekeeper |  |
| 1.12.Notikumi (event triggers) | Vismaz  Analytics, edge storage events, virtual inputs through API  Detectors: day/night mode, live stream accessed, shock detection  Hardware: fan, network, temperature Input Signal: virtual inputs, manual trigger  PTZ: autotracking, error, moving, preset reached, ready  Storage: disruption, recording  System: system ready Time: use schedule |  |
| 1.13. Notikumu darbības (event actions) | Vismaz  Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload  Notification: email, HTTP, HTTPS, and TCP PTZ: PTZ preset, start/stop guard tour, autotracking Overlay text, day/night mode |  |
| 1.14. Iebūvēti uzstādīšanas palīglīdzekļi (Built-in installation aids) | Vismaz  Pixel counter Automatic orientation |  |
| 1.15. Ietvars (casing) | Vismaz  IP66-, IP68-, NEMA 4X- and IK10-rated aluminum casing  Color: urban grey NCS S 5502–B  Wiper included (silicone wiper blade |  |
| 1.16. Ilgtspējība (Sustainability) | PVC free |  |
| 1.17. Atmiņa | Vismaz  1024 MB RAM, 512 MB Flash |  |
| 1.18. Barošana | High PoE 90 W midspan 1–port: 100–240 V AC, max 1.35 A  Camera consumption: typical <= 25 W, max <=71 W |  |
| 1.19. Savienojumi | Vismaz 1x RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE |  |
| 1.20. IR apgaismojums | OptimizedIR with power-efficient, long-life 850 nm IR LEDs Range of reach >=400 m (1300 ft) |  |
| 1.21. Uzglabāšana (storage) | Vismaz  Support for SD/SDHC/SDXC card and encryption Recording to network-attached storage (NAS) |  |
| 1.22. Darbības nosacījumi  (Operational conditions) | Vismaz  Temperatūra -50 °C to 55 °C  Mitrums 10–100% RH  Vēja slodze 68 m/s |  |
| 1.23. Video  vadības  programmatūra (Video  management  software) | Vismaz  AXIS Companion, AXIS Camera Station, video management software from Axis’ Application Development Partners available at axis.com/vms |  |
| 1.24. Garantija | Vismaz 2 gadi |  |
| 1.25. Valodas | Vismaz angļu, krievu |  |
| **2. Straumēšanas programmatūra** | CamStreamer vai ekvivalents |  |
| **3. Audio iekārta** | AXIS C8033 vai ekvivalenta |  |
| **4. Mikrofons** | AXIS T8351 Mk II vai ekvivalents |  |
| **5. LTE maršrutētājs** | | |
| 5.1. CPU core count | Vismaz 1 |  |
| 5.2. CPU nominal frequency | Vismaz 650 MHz |  |
| 5.3. Size of RAM | Vismaz 64 MB |  |
| 5.4. Storage size | Vismaz 16 MB |  |
| 5.5. MTBF | Vismaz 200'000 hours at 25C |  |
| 5.6. Tested ambient temperature | Vismaz -30°C to 60°C |  |
| 5.7. PoE in | Vismaz 802.3af/at |  |
| 5.8. PoE out | Vismaz Passive PoE up to 57V |  |
| 5.9. Max total out (A) | Vismaz 600 mA |  |
| 5.10. 2G Category | Vismaz Class12 |  |
| 5.11. 2G bands | Vismaz 2 (1900MHz) / 3 (1800MHz) / 5 (850MHz) / 8 (900MHz) |  |
| 5.12. 3G Category | Vismaz R7 (21Mbps Downlinks, 5.76Mbps Uplink) / R8 (42.2Mbps Downlink, 5.76Mbps Uplink) |  |
| 5.13. 3G bands | Vismaz 1 (2100MHz) / 2 (1900MHz) / 5 (850MHz) / 8 (900MHz) |  |
| 5.14. LTE Category | Vismaz 6 (300Mbit/s Downlink, 50Mbit/s Uplink) |  |
| 5.15. LTE FDD bands | Vismaz 1 (2100MHz) / 2 (1900MHz) / 3 (1800MHz) / 7 (2600MHz) / 8 (900 MHz) / 20 (800MHz) / 5 (850MHz) / 12 (700MHz) / 17 (700MHz) / 25 (1900MHz) / 26 (850MHz) |  |
| 5.16. LTE TDD bands | Vismaz 38 (2600MHz) / 40 (2300MHz) / 39 (1900MHz) / 41n (2500MHz) |  |
| 5.17. 10/100 Ethernet ports | Vismaz 2 |  |
| 5.18. Number of SIM slots | Vismaz 2 Modem (Micro SIM) |  |
| 5.19. MiniPCI-e slots | Vismaz 1 |  |
| 5.20. Certification | Vismaz CE, EAC, ROHS |  |
| **6. Sadalne** | | |
| 6.1. Aizsardzības klase | Vismaz IP66 |  |
| 6.2. Izmērs | Ne mazāk kā 400x300x200mm  Ne vairāk kā 500x400x300mm |  |
| 6.3. Materiāls | Metāls |  |
| 6.4. Slēdzama | Ir |  |

1. **Kamera stiprināma pie staba. Kameru stiprinājumus nodrošina pretendents.**
2. **Kamerai, kameras stiprinājumiem, audio iekārtai un mikrofonam jābūt no viena ražotāja, savstarpēji saderīgam.**
3. **Pretendents nodrošina iekārtu piegādi, montāžu uz staba, konfigurāciju patstāvīgai tiešraidei youtube.**
4. **Pretendents darbu nododot pasūtītājam nodod embed kodu tiešraides ievietošanai pasūtītāja mājaslapā.**
5. **Pasūtītājs nodrošina SIM karti interneta pieslēguma nodrošināšanai.**

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| Pretendents: |  |
| Amatpersonas vai pilnvarotās personas paraksts: |  |
| Parakstītāja vārds, uzvārds un amats: |  |
| Datums: |  |