

RINCIAN SPESIFIKASI TEKNIS

Sub Kegiatan : Pemeliharaan/Rehabilitasi Sarana dan Prasarana Gedung Kantor atau Bangunan Lainnya
Pekerjaan : Pemeliharaan CCTV Gedung Kantor
Tahun Anggaran : 2023

No	Uraian/Spesifikasi	Jumlah	Satuan
1	Upgrade kamera Sensor : 1/1.8" Progressive Scan CMOS Shutter Speed : 1/3 s to 1/100,000 s Min. Illumination : Color: 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Slow Shutter : Yes Wide Dynamic Range : 120 dB Day & Night : IR cut filter Angle Adjustment : P: 0° to 355°, T: 0° to 75°, rot.: 0° to 355° Lens Type : Fixed focal lens, 2.8 and 4 mm optional Lens Mount : M12 Working Distance : 2.8 mm: 2.6 m to ∞; 4 mm: 3.2 m to ∞ Supplement Light Type : IR IR Range : Up to 30 m Max. Resolution : 3840 × 2160 Video Compression : H.265/H.264/H.264+/H.265+ Video Bit Rate : 32 Kbps to 16 Mbps Scalable Video Coding : H.264 and H.265 encoding SNR : ≥ 52 dB Target Cropping : Yes Day/Night Switch : Day, Night, Auto, Schedule Image Enhancement : BLC, HLC, 3D DNR Ethernet Interface : 1 RJ45 10 M/100 M self-adaptive Eth. port On-Board Storage : Built-in slot, microSD/SDHC/SDXC card Firmware Version : V5.5.112 Power Consumption : 12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 V to 57 V), max. 7.5 W Power Supply : 12 VDC ± 25% PoE: 802.3af, Class 3	14	unit
2	Switch Hub PoE SFP 8 Power Input : 110-120VAC PoE Out Voltage Range : 45-48VDC / 22-24VDC Max. PoE Watt /Data Port : 11.5 W (24 V), 23 W (48 V) ESD Rating : 24 kV Air / 24 kV Contact PoE Methode : Passive USB Port : 2.0 Type A Processor : MIPS 24K, 400 MHz System Memory : 64 MB Code Storage : 8 MB Networking Interface : 1x 10/100 Ethernet Port (Manage Port) 8x 10/100/1000 Ethernet Port (Data Ports)	3	unit
3	Switch Hub PoE SFP 16 Port number : 16 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port Port type : RJ45 port, full duplex, MDI/MDI-X adaptive Standard : IEEE 802.3, IEEE 802.3u, IEEE 802.3x Forwarding mode : Store-and-forward switching Working mode : Standard mode (default); Extend mode High priority ports : Ports 1 to 2 MAC address table : 1 K Switching capacity : 1 Gbps Packet forwarding rate : 0.744 Mpps Internal cache : 448 Kbits	1	unit

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4	NVR 16ch IP video input : 16-ch Incoming bandwidth : 256 Mbps Outgoing bandwidth : 160 Mbps Video output mode : HDMI and VGA Audio output : 2-ch, RCA (Linear, 1 KΩ) Decoding format : H.265+/H.265/H.264+/H.264/MPEG4 Recording resolution : 8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF Synchronous playback : 8-ch Capability : 4-ch@4 MP (30 fps)/8-ch@1080p (30 fps) Stream type : Video, Video & Audio Audio compression : G.711ulaw/G.711alaw/G.722/G.726 Remote connections : 128 Network interface : 2, RJ-45 10/100/1000 Mbps interface Serial interface : RS-232, RS-485, keyboard SATA : 8 SATA interfaces eSATA : 1 eSATA interface Capacity : Up to 8 TB capacity for each disk Alarm in/out : 16/4 USB interface : Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 Power supply : 100 to 240 VAC, 50 to 60 Hz Consumption (w/o HDD) : ≤ 30 W	1	unit
5	SFP Transceiver 1G Type : SFP Bidirectional Pair Transc. 1.25G Model : BIDI SFP 1310/1550 10km Singlemode Grade : Industrial Grade DDM/DOM Supported	5	unit
6	Box Panel Indoor Type : Indoor Material : Besi plat + powder coating Ukuran : 40x60x20 cm	2	unit
7	Box Panel Outdoor Type : Outdoor Material : Besi plat + powder coating Ukuran : 40x60x20 cm	1	unit
8	Kabel LAN LAN Category : Cat6 UTP Pair Count : 4-pair unshielded Number of Conductors : 8	530	meter
9	Kabel FO Type : singlecore Mode Field Dia. G652 : 9 µm Dispersion G652 : 1288-1339nm at 3.5ps/nm.km 1550nm at 18ps/nm.km Bending radius : 10 D (Static); 20 D (Dynamic) Short Stretching Force : 1500 N Cable allowed	400	meter
10	Komponen Pendukung Instalasi Material pendukung lainnya meliputi cable ties, RJ45 Connector, additional bracket, isolasi, cable clamp/duct, paku, baut + fischer.	1	paket

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11	Pemeliharaan Server Pemeriksaan fisik unit : Pengecekan fisik server Pemeriksaan digital : Pengecekan stabilitas fungsi Server Pengecekan stabilitas fungsi Media storage Pemeriksaan firmware bios, scasi & driver Pemeriksaan memory dan optimalisasi Pemeriksaan fungsi alat-alat pendukung	1	paket
12	Re-Setting CMS Setting dan Konfigurasi : HIKVISION CMS 2020	1	paket

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**KEPALA DINAS PERHUBUNGAN
KOTA SURAKARTA**

TAUFIQ MUHAMMAD, S.SiT, MT

Pembina

NIP. 19800525 200112 1 003